A profile of young adult corrections involvement

Child and Youth Data Laboratory (CYDL) Longitudinal Project

Introduction

This report is an overview of the experiences of young Albertans (18 to 25 years) with adult corrections involvement from 2005/06 to 2010/11. Young adults with corrections involvement may have appeared before the Court or a Justice of the Peace for an offence and have been remanded in custody or placed under pre-trial supervision in the community awaiting further court dates. Otherwise adults have been found guilty and sentenced to a community disposition (i.e. fine, probation, community service work, conditional sentence) and/or custody (in which the sentence is served in a correctional facility).

Court outcome was grouped into alternative measures (program to withdraw the offence record if completed), not sentenced (offence record removed), remand (custody while awaiting trial), custodial sentence (e.g. correctional facility), non-supervised community (fines, reprimands, prohibition, etc.), and supervised community (probation, conditional supervision, community supervision, conditional discharge, pretrial supervision, etc.).



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Key findings

- 2 to 3% of young adults had corrections involvement in a given year (range 10,302 to 14,864).
- Young adults with corrections involvement were less likely to complete high school in the study period compared to those with no corrections involvement.
- As compared to those with no corrections involvement, a higher percentage of young adults with corrections involvement were in Child Support Services (as respondents paying support), used Assured Income for the Severely Handicapped services, or received Income Support.
- The most common court outcome was supervised community outcomes followed by custodial sentences.
- Males were more likely than females to have corrections involvement across all court outcomes; those
 with alternative measures or non-supervised outcomes were more likely to be females compared to
 young adults with other court outcomes.
- Young adults who participated in alternative measures programs were less likely to be high cost health service users, receive a mental health service, or receive Income Support compared to others with adult corrections involvement.

This report is part of the Longitudinal Project conducted by the CYDL in collaboration with Alberta partnering government ministries. Please see the last page for a brief description of the project and go to https://policywise.com/initiatives/cydl/p2 to access other deliverables.

Visit https://visualization.policywise.com/P2dashboard to view an interactive dashboard that summarizes this population. This report is a companion to the interactive dashboard.

Background literature

Providing a context for the current report, this section highlights select literature focusing on factors related to criminal activity in Canada.

In Canada, youth must be at least age 12 to be charged with an offence¹. Individuals aged 12 to 17 are charged as youth offenders and those 18 and older are charged as adult offenders and receive adult corrections with some exceptions¹.

The province administers adult correctional services for sentences less than two years. When the sentence is for two years or greater individuals are processed by federal administration through a Correctional Services Canada facility².

Correctional involvement takes place in two general forms: custody (remand or in a custodial facility) and community (community settings)². Young adults can be "not sentenced" through alternative measures or other means for the offence to be removed. They could be held in custody either in remand while awaiting trial or in a custodial facility after being sentenced to custody. Community sentences are more common for adults and they can either be supervised (probation, conditional sentence, etc.) or non-supervised (fine, compensation, etc.)².

Over half of individuals involved in adult corrections are aged 18 to 35; the rest are older. Females are less likely to be involved in the criminal justice system than males³.

Young adults with corrections involvement often require other services. Mental illness is prevalent among those involved in the criminal justice system⁴. Individuals with Fetal Alcohol Spectrum Disorder (FASD) are also overrepresented in the criminal justice system⁵. Criminally involved youth are also more likely to not complete high school⁶.

Footnotes

The data analyses in this report include provincial data from Justice and Solicitor General.

- Individuals aged 18 or older with youth corrections involvement and no adult corrections involvement in a given study year (approximately 300 to 700 per year) were removed from analyses in this report.
- *Alternative measures* (called extrajudicial sanctions for youth corrections) are considered when the offence is not serious or repeated. The adult must accept responsibility for the offence and if the measure is completed, the offence is withdrawn and does not result in a conviction.
- **Not sentenced** includes a number of ways in which the offence is removed including dismissed, not criminally responsible, withdrawn, loss of jurisdiction, etc.
- An offender is placed in *remand* to be held in custody until their court date.
- *Custodial* sentences occur in a correctional facility.
- Non-supervised corrections are comprised of a number of court outcomes that do not involve supervision including fines, prohibition order, compensation order, or reprimands.
- **Supervised community** corrections involve supervising and monitoring in the community and include probation, conditional supervision, community supervision, pretrial supervision, breach, and appeals, etc.

Ninety-five percent confidence intervals were calculated to enable comparison of statistical differences between groups. The Cochran-Armitage trend test was used to test trends over time. Only effects that apply to a meaningful proportion of the population were noted in the text. See https://visualization.policywise.com/P2dashboard/AdultCorrectionsStat.xlsx

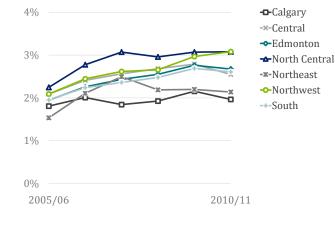
Corrections involvement (Table 1; p.14)

This and the following analyses consider Albertans (aged 18 to 25 unless otherwise specified). See *Definitions and Notes* for more information about the population being profiled (p. 38).

- Just under 3% of young adults had corrections involvement in each study year (10,302-14,864 per year compared to 451,644-495,983 per year with no corrections involvement).
- There was a general time trend of a small increase in the percentage of the population with corrections involvement over time.



Percentage of Albertans aged 18 to 25 with corrections involvement, by CS/CSS service delivery region over time



CS/CSS service delivery regions by corrections involvement (Table 2; p.15)

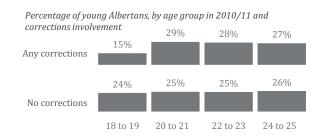
Regions include Children's Services (CS) and Community and Social Services (CSS) service delivery regions. For information on regional analyses and a legend, see *Definitions and Notes* (p. 37).

 Percentages for adult corrections involvement were generally highest in the North Central region and lowest in the Calgary region but this varied across study years.

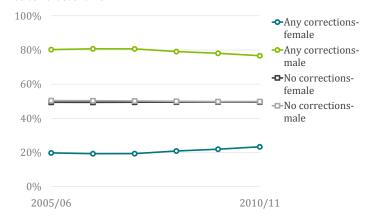
Age group by corrections involvement (Table 3; p. 16)

Age shown is for 2010/11 (see Table 3 for age distribution in each study year).

- A lower proportion of young adults with corrections involvement were aged 18 to 19 compared to those with no corrections involvement. This partially reflects the time between being charged with an offence and receiving certain types of corrections.
- This pattern was similar across study years (not shown in graph).



Percentage of Albertans aged 18 to 25, by gender and corrections involvement over time

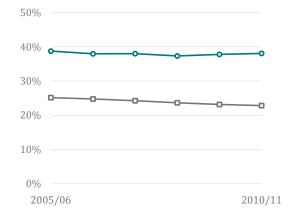


Gender by corrections involvement (Table 4; p.16)

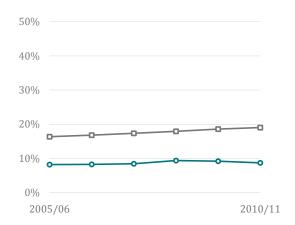
- Females were less likely to have corrections involvement than males.
- The proportion of females involved in corrections increased slightly across the study years.

Socio-economic status by corrections involvement (Table 5; p.17)

Percentage of Albertans aged 18 to 25 who lived in the lowest SES areas, by corrections involvement over time



Percentage of Albertans aged 18 to 25 who lived in the highest SES areas, by corrections involvement over time



◆Any corrections ◆No corrections

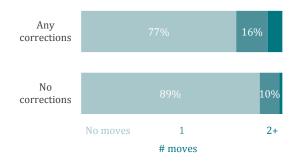
Socio-economic status (SES) captures the social and material environments in which individuals live. See *Definitions and Notes* for further clarification (p. 38).

- Corrections involvement was observed across all socio-economic neighbourhoods (see Table 5 for all levels).
- Young adults with corrections involvement were more likely to live in the lowest and less likely to live in the highest socio-economic neighbourhoods compared to individuals with no corrections involvement.
- 37 to 39% of young adults with adult corrections involvement lived in the lowest socio-economic areas compared to 23 to 25% of those with no corrections involvement.

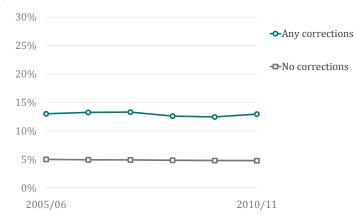
Residential mobility by corrections involvement (Table 6; p. 18)

Residential mobility was determined using the number of unique postal codes in the Alberta Health registry. Residential mobility is shown in 2010/11 (see Table 6 for mobility in each study year).

 Residential mobility was higher among young adults with corrections involvement compared to those with no corrections involvement. Percentage of Albertans aged 18 to 25, by residential mobility and corrections involvement in 2010/11



Percentage of Albertans aged 18 to 25 who were high cost health service users, by corrections involvement over time



High cost health service use by corrections involvement (Table 7; p.18)

For a definition of high cost health service users see *Definitions and Notes* (p. 37).

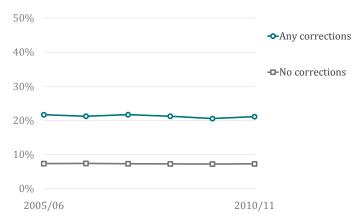
- 12 to 13% of individuals with adult corrections involvement were high cost health service users as compared to 5% of young adults with no corrections involvement.
- There was no discernable pattern of change across the study years.

Mental health service use by corrections involvement (Table 8; p.19)

Mental health service use is defined as receipt of a diagnosis from select services. See *Definitions and Notes* for more details (p. 38).

- A higher percentage of young adults with corrections involvement had mental health service use compared to those with no corrections involvement.
- The pattern did not vary noticeably across the study period.

Percentage of Albertans aged 18 to 25 who used a mental health service, by corrections involvement over time



Percentage of Albertans aged 18 to 25 who completed high school in the study period, by corrections involvement in 2010/11



High school completion by corrections involvement (Table 9; p.19)

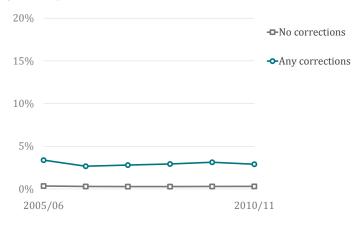
High school completion includes individuals who graduated with or without credentials over the study period (see *Definitions and Notes*, p. 38). Completion is shown in 2010/11, see Table 9 for all study years.

- 80% of young adults with no corrections involvement had a record of high school completion by the end of the study period compared to 34% of those with corrections.
- This analysis does not include those who completed high school before the start of the study period.

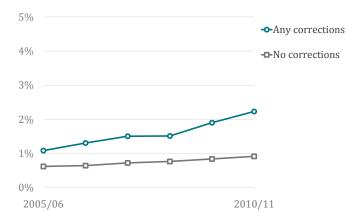
Child Support Services – Respondents by corrections involvement (Table 10; p.20)

This analysis includes individuals aged 18 to 25 who were Child Support Services respondents (those sought after for child support). See *Definitions and Notes* (p. 37).

 3% of young adults with adult corrections involvement were Child Support Services respondents compared to less than 0.5% of those with no corrections involvement. Percentage of Albertans aged 18 to 25 who were Child Support Services respondents, by corrections involvement over time



Percentage of Albertans aged 18 to 25 who received Assured Income for the Severely Handicapped services, by corrections involvement over time



Assured Income for the Severely Handicapped (AISH) by corrections involvement (Table 11; p.20)

This analysis considers Albertans (aged 18 to 25 years) receiving AISH services. See *Definitions and Notes* (p. 37).

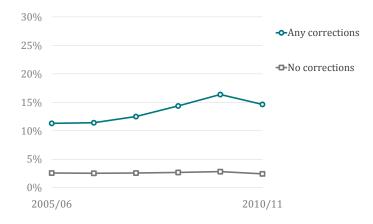
- A higher percentage of young adults with corrections were receiving AISH services as compared to those with no corrections involvement.
- The percentage of young adults receiving AISH services increased across the study years.

Income Support services by corrections involvement (Table 12; p.21)

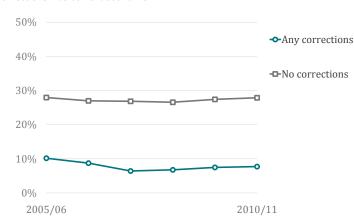
This analysis considers Albertans (aged 18 to 25 years) who received Income Support. See *Definitions and Notes* (p. 38).

- 11 to 16% of young adults with corrections involvement received income support in the same study year compared to 2 to 3% of those with no corrections involvement.
- In general, there was an increase in receipt of Income Support across the study years.

Percentage of Albertans aged 18 to 25 who received Income Support, by corrections involvement over time



Percentage of Albertans aged 18 to 25 who were enrolled in post-secondary, by corrections involvement over time



Post-secondary enrolment by corrections involvement (Table 13; p.21)

This analysis considers Albertans (aged 18 to 25 years) enrolled in a post-secondary institution. See *Definitions and Notes* (p. 38).

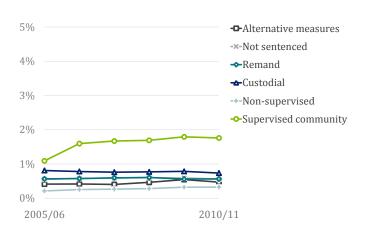
• 6 to 10% of individuals with adult corrections were enrolled in a post-secondary institution compared to 27 to 28% of those with no corrections involvement.

Court outcome- population level (Table 14; p.22)

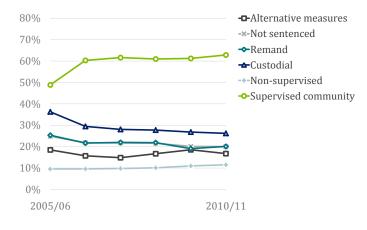
Corrections involvement was further broken down into court outcomes for this and the remaining graphs. See *Definitions and Notes* (p. 37) for more information on court outcomes. Adults may have one or more court outcome.

- The most common court outcome was supervised community.
- The percentage of young adults who received supervised community court outcomes increased slightly across the study years.

Percentage of Albertans aged 18 to 25 by court outcome over time



Percentage of Albertans aged 18 to 25 with corrections involvement, by court outcome over time



Court outcome (Table 14; p.22)

This and all following analyses include only those with corrections involvement in the study year.

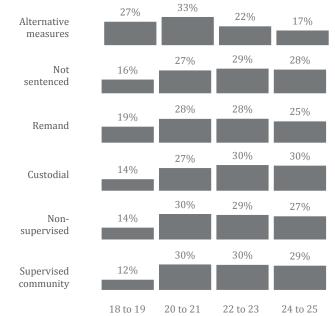
- Among those with adult corrections, 5,032-9,102 had supervised community, 3,736-3,986 had a custodial sentence, 2,607-3,060 were in remand, 2,558-3,024 were not sentenced, 1,905-2,758 had alternative measures, and 983-1,649 had non-supervised corrections in any given study year.
- Non-supervised outcomes were the least common court outcome.

Age group by court outcome (Table 15a,b; p.23-24)

Age shown is for 2010/11 (see Table 15 for age distribution in each study year).

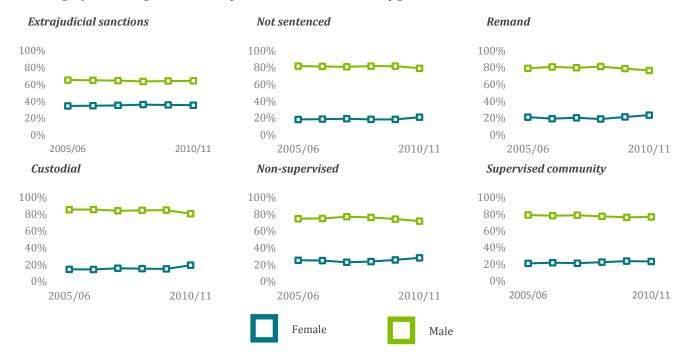
- Age was evenly distributed between ages 20 to 25 and lower for age 18 to 19 for all court outcomes except for alternative measures.
- Among those with alternative measures, a higher percentage were in the younger age groups than the older age ranges.

Percentage of young Albertans with corrections involvement, by age group in 2010/11 and court outcome



Gender by court outcome (Table 16; p.25)

Percentage of Albertans aged 12 to 25 with youth corrections involvement, by gender and court outcome over time

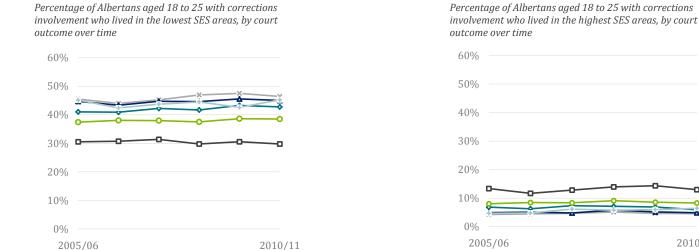


- Males were more likely to receive all court outcomes.
- The highest proportion of females was found among young adults with alternative measures with 32 to 41% of those with alternative measures.

Socio-economic status by court outcome (Table 17a,b; p.26-27)

-a-Alternative measures

★Custodial



Socio-economic status captures the social and material environments in which individuals live. See Definitions and Notes for further clarification (p. 38).

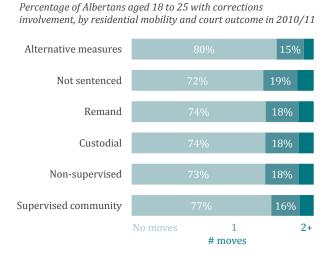
---Remand

Supervised community

-x-Not sentenced

-+-Non-supervised

A higher percentage of young adults with alternative measures lived in the highest socio-economic status neighbourhoods (12 to 14%) and a lower percentage lived in the lowest socio-economic status areas (30 to 31%) than individuals with other court outcomes (lowest: 37 to 47%; highest: 4 to 9%).



Residential mobility by court outcome (Table 18a,b; p.28-29)

Residential mobility was determined using the number of unique postal codes in the Alberta Health registry. Residential mobility is shown in 2010/11 (see Table 18 for mobility in each study year).

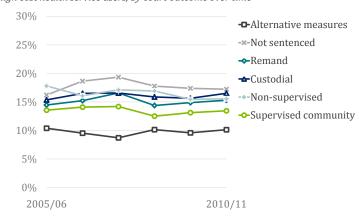
2010/11

Residential mobility was relatively similar across court outcomes.

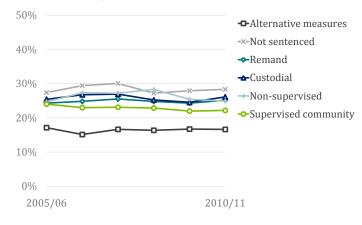
High cost health service use by court outcome (Table 19; p.30)

For a definition of high cost health service users see *Definitions and Notes* (p. 37).

 Among those with corrections involvement, young adults with alternative measures had the lowest percentage of high cost health service users. Note this percentage is still double that of those with no corrections (not in graph, see Table 7). Percentage of Albertans aged 18 to 25 with corrections involvement who were high cost health service users, by court outcome over time



Percentage of Albertans aged 18 to 25 with corrections involvement who used a mental health service, by court outcome over time



Mental health service use by court outcome (Table 20; p.31)

Mental health service use is defined as receipt of a diagnosis from select services. See *Definitions and Notes for more details* (p. 38).

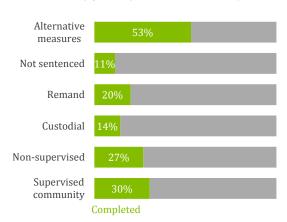
 Mental health service use was lower among young adults with alternative measures as compared to those with other court outcomes.

High school completion by court outcome (Table 21; p.32)

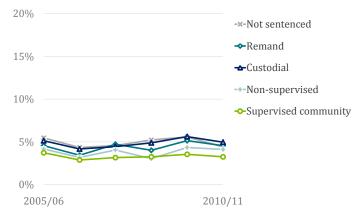
High school completion includes individuals who graduated with or without credentials over the study period (see *Definitions and Notes*, p. 38).

- Over half of young adults with alternative measures completed high school by the end of the study period compared to less than a third of those with other court outcomes.
- These rates compare to 80% of those with no corrections involvement completing high school (not shown in graph; see Table 9).

Percentage of Albertans aged 18 to 25 who completed high school in the study period, by court outcome in 2010/11



Percentage of Albertans aged 18 to 25 with corrections involvement who were Child Support Services respondents, by court outcome over time



Child Support Services – Respondents by court outcome (Table 22; p.33)

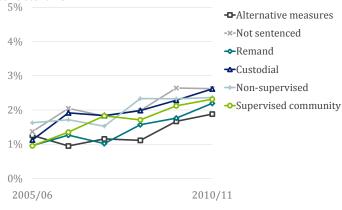
This analysis includes individuals aged 18 to 25 who were Child Support Services respondents (those sought after for child support). See *Definitions and Notes* (p. 37).

- There was little difference in the percentage of young adults across court outcomes who were Child Support Services respondents.
- Too few individuals with alternative measures were Child Support Services respondents to report so those data points were suppressed (see Table 22 for available years).

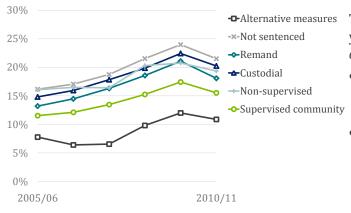
Assured Income for the Severely Handicapped (AISH) service use by court outcome (Table 23; p.34)

This analysis considers Albertans (aged 18 to 25 years) receiving AISH services. See *Definitions and Notes* (p. 37).

 The proportion of individuals receiving AISH services generally increased across study years. Percentage of Albertans aged 18 to 25 with corrections involvement who received Assured Income for the Severely Handicapped services, by court outcome over time



Percentage of Albertans aged 18 to 25 with corrections involvement who received Income Support, by court outcome over time



Income Support services by court outcome (Table 24; p.35)

This analysis considers Albertans (aged 18 to 25 years) who received income support. See *Definitions and Notes* (p. 38).

- Use of Income Support was lowest among young adults with alternative measures followed by those with supervised community outcomes.
- Income Support use generally increased up but more variably for individuals with alternative measures or non supervised outcomes compared to those with the remaining court outcomes.

Post-secondary enrolment by court outcome (Table 25; p.36)

This analysis considers Albertans (aged 18 to 25 years) enrolled in a post-secondary institution. See *Definitions and Notes* (p. 38).

 Post-secondary enrolment dropped in 2008/09 for young adults with all court outcomes with the exception of those with alternative measures. Percentage of Albertans aged 18 to 25 with corrections involvement who were enrolled in post-secondary, by court outcome over time $\frac{1}{2}$

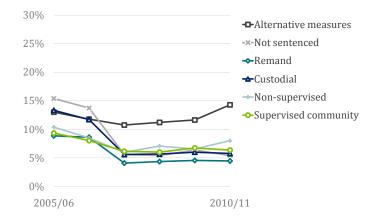


TABLE 1: Number and percentage of young adults by corrections involvement and study year, Albertan young adults aged 18 to 25 years

Corrections involvement	Study year							
Number of individuals	2005/06	2006/07	2007/08	2008/09	2009/10	2010/11		
Any adult corrections involvement	10,302	12,751	13,402	14,000	14,864	14,292		
No corrections	451,644	469,452	481,195	490,652	492,958	495,983		
Total N	461,946	482,203	494,597	504,652	507,822	510,275		
Percentage of individuals	2005/06	2006/07	2007/08	2008/09	2009/10	2010/11		
Any adult corrections involvement	2.23	2.64	2.71	2.77	2.93	2.80		
No corrections	97.77	97.36	97.29	97.23	97.07	97.20		
Total %	100.00	100.00	100.00	100.00	100.00	100.00		

TABLE 2: Number and percentage of young adults by corrections involvement, CS/CSS service delivery regions, and study year, Albertan young adults aged 18 to 25 years

Corrections involvement	CS/CSS service deliver regions			Study	year		
Number of individuals		2005/06	2006/07	2007/08	2008/09	2009/10	2010/11
Any adult corrections involvement	Calgary	2,667	3,075	2,917	3,127	3,538	3,249
	Central	1,065	1,275	1,380	1,458	1,527	1,391
	Edmonton	2,680	3,231	3,511	3,766	4,150	4,054
	North Central	500	634	723	707	742	752
	Northeast	127	187	239	223	233	235
	Northwest	516	629	686	699	781	806
	South	685	802	852	900	987	964
	Total	8,240	9,833	10,308	10,880	11,958	11,451
No corrections involvement	Calgary	144,817	150,014	155,349	159,251	160,612	162,150
	Central	49,921	51,620	52,470	52,905	53,244	53,204
	Edmonton	135,017	139,847	140,813	143,830	146,109	147,549
	North Central	21,762	22,211	22,825	23,204	23,431	23,686
	Northeast	8,149	8,689	9,337	9,969	10,364	10,765
	Northwest	24,169	25,090	25,528	25,603	25,550	25,364
	South	34,354	34,996	35,228	35,423	35,729	35,996
	Total	418,189	432,467	441,550	450,185	455,039	458,714
otal population	Calgary	147,484	153,089	158,266	162,378	164,150	165,399
	Central	50,986	52,895	53,850	54,363	54,771	54,595
	Edmonton	137,697	143,078	144,324	147,596	150,259	151,603
	North Central	22,262	22,845	23,548	23,911	24,173	24,438
	Northeast	8,276	8,876	9,576	10,192	10,597	11,000
	Northwest	24,685	25,719	26,214	26,302	26,331	26,170
	South	35,039	35,798	36,080	36,323	36,716	36,960
	Total	426,429	442,300	451,858	461,065	466,997	470,165
Percentage of individuals		2005/06	2006/07	2007/08	2008/09	2009/10	2010/11
Any adult corrections involvement	Calgary	1.81	2.01	1.84	1.93	2.16	1.96
	Central	2.09	2.41	2.56	2.68	2.79	2.55
	Edmonton	1.95	2.26	2.43	2.55	2.76	2.67
	North Central	2.25	2.78	3.07	2.96	3.07	3.08
	Northeast	1.53	2.11	2.50	2.19	2.20	2.14
	Northwest	2.09	2.45	2.62	2.66	2.97	3.08
	South	1.95	2.24	2.36	2.48	2.69	2.61

Child Services (CS) and Community and Social Services (CSS) service delivery regions.

TABLE 3: Number and percentage of young adults by corrections involvement, age group, and study year, Albertan young adults aged 18 to 25 years

Corrections involvement	Age group			Study	year		
Number of individuals		2005/06	2006/07	2007/08	2008/09	2009/10	2010/11
Any adult corrections involvement	18 to 19	1,957	1,931	1,998	2,216	2,328	2,125
	20 to 21	2,984	3,822	3,927	3,876	4,329	4,183
	22 to 23	2,850	3,601	3,847	4,071	4,194	4,054
	24 to 25	2,511	3,397	3,630	3,837	4,013	3,930
	Total	10,302	12,751	13,402	14,000	14,864	14,292
No corrections	18 to 19	109,648	112,395	116,053	119,158	118,845	117,840
	20 to 21	113,989	117,361	117,698	118,803	121,971	124,762
	22 to 23	116,157	120,539	122,514	124,114	123,341	123,813
	24 to 25	111,850	119,157	124,930	128,577	128,801	129,568
	Total	451,644	469,452	481,195	490,652	492,958	495,983
Percentage of individuals		2005/06	2006/07	2007/08	2008/09	2009/10	2010/11
Any adult corrections involvement	18 to 19	19.00	15.14	14.91	15.83	15.66	14.87
	20 to 21	28.97	29.97	29.30	27.69	29.12	29.27
	22 to 23	27.66	28.24	28.70	29.08	28.22	28.37
	24 to 25	24.37	26.64	27.09	27.41	27.00	27.50
	Total	100.00	100.00	100.00	100.00	100.00	100.00
No corrections	18 to 19	24.28	23.94	24.12	24.29	24.11	23.76
	20 to 21	25.24	25.00	24.46	24.21	24.74	25.15
	22 to 23	25.72	25.68	25.46	25.30	25.02	24.96
	24 to 25	24.77	25.38	25.96	26.21	26.13	26.12
	Total	100.00	100.00	100.00	100.00	100.00	100.00

TABLE 4: Number and percentage of young adults by corrections involvement, gender, and study year, Albertan young adults aged $18\ to\ 25\ years$

Corrections involvement	Gender	nder Study year								
Number of individuals		2005/06	2006/07	2007/08	2008/09	2009/10	2010/11			
Any adult corrections involvement	Female	2,035	2,461	2,593	2,924	3,255	3,334			
	Male	8,267	10,290	10,809	11,076	11,609	10,958			
	Total	10,302	12,751	13,402	14,000	14,864	14,292			
No corrections	Female	224,019	233,174	239,818	245,321	247,257	248,763			
	Male	227,599	236,258	241,322	245,254	245,599	247,123			
	Total	451,618	469,432	481,140	490,575	492,856	495,886			
Percentage of individuals		2005/06	2006/07	2007/08	2008/09	2009/10	2010/11			
Any adult corrections involvement	Female	19.75	19.30	19.35	20.89	21.90	23.33			
	Male	80.25	80.70	80.65	79.11	78.10	76.67			
	Total	100.00	100.00	100.00	100.00	100.00	100.00			
No corrections	Female	49.60	49.67	49.84	50.01	50.17	50.17			
	Male	50.40	50.33	50.16	49.99	49.83	49.83			
	Total	100.00	100.00	100.00	100.00	100.00	100.00			

 $TABLE\ 5: Number\ and\ percentage\ of\ young\ adults\ by\ corrections\ involvement, socio-economic\ status, and\ study\ year,\ Albertan\ young\ adults\ aged\ 18\ to\ 25\ years$

Corrections involvement	Socio-economic status			Study	year		
Number of individuals		2005/06	2006/07	2007/08	2008/09	2009/10	2010/11
Any adult corrections involvement	Lowest	2,874	3,368	3,546	3,671	4,106	3,957
	Low middle	1,659	2,025	2,172	2,206	2,409	2,227
	Middle	1,405	1,649	1,660	1,757	1,918	1,917
	High middle	866	1,093	1,160	1,274	1,428	1,381
	Highest	607	731	786	920	996	903
	Total	7,411	8,866	9,324	9,828	10,857	10,385
No corrections	Lowest	101,373	103,233	103,381	102,721	101,730	101,051
	Low middle	88,381	90,069	90,055	90,965	90,667	90,108
	Middle	81,789	84,719	86,588	87,806	88,054	88,577
	High middle	65,410	68,709	72,013	75,013	77,093	78,666
	Highest	65,944	70,077	73,905	77,907	81,623	84,212
	Total	402,897	416,807	425,942	434,412	439,167	442,614
Percentage of individuals		2005/06	2006/07	2007/08	2008/09	2009/10	2010/11
Any adult corrections involvement	Lowest	38.78	37.99	38.03	37.35	37.82	38.10
ercentage of individuals ny adult corrections involvemen	Low middle	22.39	22.84	23.29	22.45	22.19	21.44
	Middle	18.96	18.60	17.80	17.88	17.67	18.46
	High middle	11.69	12.33	12.44	12.96	13.15	13.30
	Highest	8.19	8.24	8.43	9.36	9.17	8.70
	Total	100.00	100.00	100.00	100.00	100.00	100.00
No corrections	Lowest	25.16	24.77	24.27	23.65	23.16	22.83
	Low middle	21.94	21.61	21.14	20.94	20.65	20.36
	Middle	20.30	20.33	20.33	20.21	20.05	20.01
	High middle	16.23	16.48	16.91	17.27	17.55	17.77
	Highest	16.37	16.81	17.35	17.93	18.59	19.03
	Total	100.00	100.00	100.00	100.00	100.00	100.00

TABLE 6: Number and percentage of young adults by corrections involvement, residential mobility, and study year, Albertan young adults aged 18 to 25 years

Corrections involvement	Residential mobility	ity Study year					
Number of individuals		2005/06	2006/07	2007/08	2008/09	2009/10	2010/11
Any adult corrections involvement	No moves	4,732	5,796	5,995	6,703	8,003	7,857
	One Move	1,481	1,696	1,708	1,694	1,580	1,608
	Two or more moves	635	598	624	643	691	729
	Total	6,848	8,090	8,327	9,040	10,274	10,194
No corrections	No moves	273,895	281,789	291,183	312,876	349,383	355,075
	One Move	66,750	66,387	68,877	61,332	39,479	38,760
	Two or more moves	15,269	13,748	14,075	11,278	6,333	6,090
	Total	355,914	361,924	374,135	385,486	395,195	399,925
Percentage of individuals		2005/06	2006/07	2007/08	2008/09	2009/10	2010/11
Any adult corrections involvement	No moves	69.10	71.64	71.99	74.15	77.90	77.07
	One Move	21.63	20.96	20.51	18.74	15.38	15.77
	Two or more moves	9.27	7.39	7.49	7.11	6.73	7.15
	Total	100.00	100.00	100.00	100.00	100.00	100.00
No corrections	No moves	76.96	77.86	77.83	81.16	88.41	88.79
	One Move	18.75	18.34	18.41	15.91	9.99	9.69
	Two or more moves	4.29	3.80	3.76	2.93	1.60	1.52
	Total	100.00	100.00	100.00	100.00	100.00	100.00

TABLE~7: Number~and~percentage~of~young~adults~by~corrections~involvement,~high~cost~health~use,~and~study~year,~Albertan~young~adults~aged~18~to~25~years

Corrections involvement	High cost health use	Study year					
Number of individuals		2005/06	2006/07	2007/08	2008/09	2009/10	2010/11
Any adult corrections involvement	High cost	892	1,074	1,109	1,141	1,280	1,322
	Not high cost	5,956	7,016	7,218	7,899	8,994	8,872
	Total	6,848	8,090	8,327	9,040	10,274	10,194
No corrections	High cost	17,838	17,873	18,389	18,706	19,004	19,134
	Not high cost	338,076	344,051	355,746	366,780	376,192	380,792
	Total	355,914	361,924	374,135	385,486	395,196	399,926
Percentage of individuals		2005/06	2006/07	2007/08	2008/09	2009/10	2010/11
Any adult corrections involvement	High cost	13.03	13.28	13.32	12.62	12.46	12.97
	Not high cost	86.97	86.72	86.68	87.38	87.54	87.03
	Total	100.00	100.00	100.00	100.00	100.00	100.00
No corrections	High cost	5.01	4.94	4.92	4.85	4.81	4.78
	Not high cost	94.99	95.06	95.08	95.15	95.19	95.22
	Total	100.00	100.00	100.00	100.00	100.00	100.00

TABLE 8: Number and percentage of young adults by corrections involvement, mental health service use, and study year, Albertan young adults aged 18 to 25 years

Corrections involvement	Mental health service use	se Study year					
Number of individuals		2005/06	2006/07	2007/08	2008/09	2009/10	2010/11
Any adult corrections involvement	Mental health service	1,487	1,720	1,809	1,923	2,118	2,158
	No mental health service	5,368	6,381	6,528	7,128	8,178	8,057
	Total	6,855	8,101	8,337	9,051	10,296	10,215
No corrections	Mental health service	26,277	26,885	27,496	28,051	28,654	29,231
	No mental health service	329,792	335,217	346,830	357,631	366,763	370,923
	Total	356,069	362,102	374,326	385,682	395,417	400,154
Percentage of individuals		2005/06	2006/07	2007/08	2008/09	2009/10	2010/11
Any adult corrections involvement	Mental health service	21.69	21.23	21.70	21.25	20.57	21.13
	No mental health service	78.31	78.77	78.30	78.75	79.43	78.87
	Total	100.00	100.00	100.00	100.00	100.00	100.00
No corrections	Mental health service	7.38	7.42	7.35	7.27	7.25	7.30
	No mental health service	92.62	92.58	92.65	92.73	92.75	92.70
	Total	100.00	100.00	100.00	100.00	100.00	100.00

TABLE 9: Number and percentage of young adults by corrections involvement, high school completion, and study year, Albertan youth aged 18 to 25 years

Corrections involvement	High school completion	n Study year					
Number of individuals		2005/06	2006/07	2007/08	2008/09	2009/10	2010/11
Any adult corrections involvement	Completed	116	354	697	1,150	1,752	2,104
	Not completed	263	700	1,338	2,271	3,321	4,034
	Total	379	1,054	2,035	3,421	5,073	6,138
No corrections	Completed	18,097	48,431	79,887	110,525	141,628	172,735
	Not completed	8,300	14,737	22,274	29,300	36,190	43,450
	Total	26,397	63,168	102,161	139,825	177,818	216,185
Percentage of individuals		2005/06	2006/07	2007/08	2008/09	2009/10	2010/11
Any adult corrections involvement	Completed	30.61	33.59	34.25	33.62	34.54	34.28
	Not completed	69.39	66.41	65.75	66.38	65.46	65.72
	Total	100.00	100.00	100.00	100.00	100.00	100.00
No corrections	Completed	68.56	76.67	78.20	79.05	79.65	79.90
	Not completed	31.44	23.33	21.80	20.95	20.35	20.10
	Total	100.00	100.00	100.00	100.00	100.00	100.00

TABLE 10: Number and percentage of young adults by corrections involvement, Child Support Services respondents service use, and study year, Albertan young adults aged 18 to 25 years

Corrections involvement	Child Support Services (CSS) Respondents	Study year					
Number of individuals		2005/06	2006/07	2007/08	2008/09	2009/10	2010/11
Any adult corrections involvement	CSS-respondents	348	340	375	410	465	414
	Not CSS-respondents	9,954	12,411	13,027	13,590	14,399	13,878
	Total	10,302	12,751	13,402	14,000	14,864	14,292
No corrections	CSS-respondents	1,576	1,383	1,367	1,372	1,452	1,514
	Not CSS-respondents	450,068	468,069	479,828	489,280	491,506	494,469
	Total	451,644	469,452	481,195	490,652	492,958	495,983
Percentage of individuals		2005/06	2006/07	2007/08	2008/09	2009/10	2010/11
Any adult corrections involvement	CSS-respondents	3.38	2.67	2.80	2.93	3.13	2.90
	Not CSS-respondents	96.62	97.33	97.20	97.07	96.87	97.10
	Total	100.00	100.00	100.00	100.00	100.00	100.00
No corrections	CSS-respondents	0.35	0.29	0.28	0.28	0.29	0.31
	Not CSS-respondents	99.65	99.71	99.72	99.72	99.71	99.69
	Total	100.00	100.00	100.00	100.00	100.00	100.00

TABLE 11: Number and percentage of young adults by corrections involvement, Assured Income for the Severely Handicapped (AISH) service use, and study year, Albertan young adults aged 18 to 25 years

Corrections involvement	Assured Income for the Severely Handicapped (AISH)	d Study year					
Number of individuals		2005/06	2006/07	2007/08	2008/09	2009/10	2010/11
Any adult corrections involvement	AISH	112	167	202	212	283	319
	No AISH	10,190	12,584	13,200	13,788	14,581	13,973
	Total	10,302	12,751	13,402	14,000	14,864	14,292
No corrections	AISH	2,814	3,044	3,492	3,775	4,152	4,558
	No AISH	448,830	466,408	477,703	486,877	488,806	491,425
	Total	451,644	469,452	481,195	490,652	492,958	495,983
Percentage of individuals		2005/06	2006/07	2007/08	2008/09	2009/10	2010/11
Any adult corrections involvement	AISH	1.09	1.31	1.51	1.51	1.90	2.23
	No AISH	98.91	98.69	98.49	98.49	98.10	97.77
	Total	100.00	100.00	100.00	100.00	100.00	100.00
No corrections	AISH	0.62	0.65	0.73	0.77	0.84	0.92
	No AISH	99.38	99.35	99.27	99.23	99.16	99.08
	Total	100.00	100.00	100.00	100.00	100.00	100.00

TABLE 12: Number and percentage of young adults by corrections involvement, Income Support service use, and study year, Albertan young adults aged 18 to 25 years

Corrections involvement	Income Support			Study	year		
Number of individuals		2005/06	2006/07	2007/08	2008/09	2009/10	2010/11
Any adult corrections involvement	Income Support	1,165	1,456	1,676	2,012	2,434	2,092
	No Income Support	9,137	11,295	11,726	11,988	12,430	12,200
	Total	10,302	12,751	13,402	14,000	14,864	14,292
No corrections	Income Support	11,675	11,935	12,463	13,190	13,979	12,111
	No Income Support	439,969	457,517	468,732	477,462	478,979	483,872
	Total	451,644	469,452	481,195	490,652	492,958	495,983
Percentage of individuals		2005/06	2006/07	2007/08	2008/09	2009/10	2010/11
Any adult corrections involvement	Income Support	11.31	11.42	12.51	14.37	16.38	14.64
	No Income Support	88.69	88.58	87.49	85.63	83.62	85.36
	Total	100.00	100.00	100.00	100.00	100.00	100.00
No corrections	Income Support	2.59	2.54	2.59	2.69	2.84	2.44
	No Income Support	97.41	97.46	97.41	97.31	97.16	97.56
	Total	100.00	100.00	100.00	100.00	100.00	100.00

TABLE 13: Number and percentage of young adults by corrections involvement, post-secondary enrolment, and study year, Albertan young adults aged 18 to 25 years

Corrections involvement	Post-secondary enrolment			Study	year		
Number of individuals		2005/06	2006/07	2007/08	2008/09	2009/10	2010/11
Any adult corrections involvement	Post-secondary	1,048	1,114	863	948	1,112	1,104
	No post-secondary	9,254	11,637	12,539	13,052	13,752	13,188
	Total	10,302	12,751	13,402	14,000	14,864	14,292
No corrections	Post-secondary	126,196	126,669	129,141	130,324	135,066	138,263
	No post-secondary	325,448	342,783	352,054	360,328	357,892	357,720
	Total	451,644	469,452	481,195	490,652	492,958	495,983
Percentage of individuals		2005/06	2006/07	2007/08	2008/09	2009/10	2010/11
Any adult corrections involvement	Post-secondary	10.17	8.74	6.44	6.77	7.48	7.72
	No post-secondary	89.83	91.26	93.56	93.23	92.52	92.28
	Total	100.00	100.00	100.00	100.00	100.00	100.00
No corrections	Post-secondary	27.94	26.98	26.84	26.56	27.40	27.88
	No post-secondary	72.06	73.02	73.16	73.44	72.60	72.12
	Total	100.00	100.00	100.00	100.00	100.00	100.00

TABLE 14: Number and percentage of young adults with corrections involvement by court outcome and study year, Albertan young adults aged 18 to 25 years

Court outcome			Study	year		
Number of individuals	2005/06	2006/07	2007/08	2008/09	2009/10	2010/11
Alternative measures	1,905	2,003	1,990	2,336	2,758	2,393
Not sentenced	2,558	2,784	2,908	3,024	2,991	2,859
Remand	2,607	2,764	2,944	3,060	2,838	2,871
Custodial sentence	3,736	3,758	3,759	3,884	3,986	3,746
Non-supervised	983	1,225	1,310	1,414	1,634	1,649
Supervised community	5,032	7,689	8,259	8,534	9,102	8,982
Any adult corrections involvement	10,302	12,751	13,402	14,000	14,864	14,292
Rest of population	451,644	469,452	481,195	490,652	492,958	495,983
Total N	461,946	482,203	494,597	504,652	507,822	510,275
Percentage of individuals	2005/06	2006/07	2007/08	2008/09	2009/10	2010/11
Alternative measures	0.41	0.42	0.40	0.46	0.54	0.47
Not sentenced	0.55	0.58	0.59	0.60	0.59	0.56
Remand	0.56	0.57	0.60	0.61	0.56	0.56
Custodial sentence	0.81	0.78	0.76	0.77	0.78	0.73
Non-supervised	0.21	0.25	0.26	0.28	0.32	0.32
Supervised community	1.09	1.59	1.67	1.69	1.79	1.76
Rest of population	97.77	97.36	97.29	97.23	97.07	97.20
Percentage of individuals with adult corrections						
Alternative measures	18.49	15.71	14.85	16.69	18.55	16.74
Not sentenced	24.83	21.83	21.70	21.60	20.12	20.00
Remand	25.31	21.68	21.97	21.86	19.09	20.09
Custodial sentence	36.26	29.47	28.05	27.74	26.82	26.21
Non-supervised	9.54	9.61	9.77	10.10	10.99	11.54
Supervised community	48.84	60.30	61.63	60.96	61.24	62.85

Individuals can have more than one court outcome in a study year. Court outcome is not mutually exclusive.

TABLE 15a: Number of individuals with adult corrections involvement by court outcome, age group, and study year, Albertan young adults aged 18 to 25 years

Court outcome	Age group			Study	year		
Number of individuals		2005/06	2006/07	2007/08	2008/09	2009/10	2010/11
Alternative measures	18 to 19	618	593	552	722	786	657
	20 to 21	596	674	689	728	897	793
	22 to 23	411	433	441	516	589	531
	24 to 25	280	303	308	370	486	412
	Total	1,905	2,003	1,990	2,336	2,758	2,393
Not sentenced	18 to 19	415	401	466	482	480	463
	20 to 21	710	756	738	772	794	770
	22 to 23	733	822	879	853	827	828
	24 to 25	700	805	825	917	890	798
	Total	2,558	2,784	2,908	3,024	2,991	2,859
Remand	18 to 19	520	464	576	565	542	541
	20 to 21	718	795	790	811	794	803
	22 to 23	741	779	821	838	757	809
	24 to 25	628	726	757	846	745	718
	Total	2,607	2,764	2,944	3,060	2,838	2,871
Custodial sentence	18 to 19	507	472	487	505	513	507
	20 to 21	1,041	1,040	971	1,011	1,070	1,000
	22 to 23	1,120	1,116	1,159	1,131	1,180	1,133
	24 to 25	1,068	1,130	1,142	1,237	1,223	1,106
	Total	3,736	3,758	3,759	3,884	3,986	3,746
Non-supervised	18 to 19	168	168	193	217	238	231
	20 to 21	296	347	357	394	468	494
	22 to 23	259	351	401	403	497	475
	24 to 25	260	359	359	400	431	449
	Total	983	1,225	1,310	1,414	1,634	1,649
Supervised community	18 to 19	915	923	988	1,046	1,115	1,079
	20 to 21	1,441	2,371	2,464	2,429	2,711	2,689
	22 to 23	1,396	2,231	2,468	2,626	2,688	2,650
	24 to 25	1,280	2,164	2,339	2,433	2,588	2,564
	Total	5,032	7,689	8,259	8,534	9,102	8,982

TABLE 15b: Percentage of individuals with adult corrections involvement by court outcome, age group, and study year, Albertan young adults aged 18 to 25 years

Court outcome	Age group			Study	year		
Percentage of individuals with adult corrections		2005/06	2006/07	2007/08	2008/09	2009/10	2010/11
Alternative measures	18 to 19	32.44	29.61	27.74	30.91	28.50	27.46
	20 to 21	31.29	33.65	34.62	31.16	32.52	33.14
	22 to 23	21.57	21.62	22.16	22.09	21.36	22.19
	24 to 25	14.70	15.13	15.48	15.84	17.62	17.22
	Total	100.00	100.00	100.00	100.00	100.00	100.00
Not sentenced	18 to 19	16.22	14.40	16.02	15.94	16.05	16.19
	20 to 21	27.76	27.16	25.38	25.53	26.55	26.93
	22 to 23	28.66	29.53	30.23	28.21	27.65	28.96
	24 to 25	27.37	28.92	28.37	30.32	29.76	27.91
	Total	100.00	100.00	100.00	100.00	100.00	100.00
Remand	18 to 19	19.95	16.79	19.57	18.46	19.10	18.84
	20 to 21	27.54	28.76	26.83	26.50	27.98	27.97
	22 to 23	28.42	28.18	27.89	27.39	26.67	28.18
	24 to 25	24.09	26.27	25.71	27.65	26.25	25.01
	Total	100.00	100.00	100.00	100.00	100.00	100.00
Custodial sentence	18 to 19	13.57	12.56	12.96	13.00	12.87	13.53
	20 to 21	27.86	27.67	25.83	26.03	26.84	26.70
	22 to 23	29.98	29.70	30.83	29.12	29.60	30.25
	24 to 25	28.59	30.07	30.38	31.85	30.68	29.52
	Total	100.00	100.00	100.00	100.00	100.00	100.00
Non-supervised	18 to 19	17.09	13.71	14.73	15.35	14.57	14.01
	20 to 21	30.11	28.33	27.25	27.86	28.64	29.96
	22 to 23	26.35	28.65	30.61	28.50	30.42	28.81
	24 to 25	26.45	29.31	27.40	28.29	26.38	27.23
	Total	100.00	100.00	100.00	100.00	100.00	100.00
Supervised community	18 to 19	18.18	12.00	11.96	12.26	12.25	12.01
	20 to 21	28.64	30.84	29.83	28.46	29.78	29.94
	22 to 23	27.74	29.02	29.88	30.77	29.53	29.50
	24 to 25	25.44	28.14	28.32	28.51	28.43	28.55
	Total	100.00	100.00	100.00	100.00	100.00	100.00

TABLE 16: Number and percentage of individuals with adult corrections involvement by court outcome, gender, and study year, Albertan young adults aged 18 to 25 years

Court outcome	Gender			Study	year		
Number of individuals		2005/06	2006/07	2007/08	2008/09	2009/10	2010/11
Alternative measures	Female	662	642	635	822	1,026	982
	Male	1,243	1,361	1,355	1,514	1,732	1,411
	Total	1,905	2,003	1,990	2,336	2,758	2,393
Not sentenced	Female	345	386	417	433	408	420
	Male	2,213	2,398	2,491	2,591	2,583	2,439
	Total	2,558	2,784	2,908	3,024	2,991	2,859
Remand	Female	356	387	440	477	444	445
	Male	2,251	2,377	2,504	2,583	2,394	2,426
	Total	2,607	2,764	2,944	3,060	2,838	2,871
Custodial sentence	Female	497	504	537	517	496	554
	Male	3,239	3,254	3,222	3,367	3,490	3,192
	Total	3,736	3,758	3,759	3,884	3,986	3,746
Non-supervised	Female	217	283	316	328	389	443
	Male	766	942	994	1,086	1,245	1,206
	Total	983	1,225	1,310	1,414	1,634	1,649
Supervised community	Female	886	1,349	1,428	1,584	1,723	1,813
	Male	4,146	6,340	6,831	6,950	7,379	7,169
	Total	5,032	7,689	8,259	8,534	9,102	8,982
Percentage of individuals with adult corrections		2005/06	2006/07	2007/08	2008/09	2009/10	2010/11
Alternative measures	Female	34.75	32.05	31.91	35.19	37.20	41.04
	Male	65.25	67.95	68.09	64.81	62.80	58.96
	Total	100.00	100.00	100.00	100.00		
Not sentenced	Female				100.00	100.00	100.00
	remaie	13.49	13.86	14.34	14.32	100.00 13.64	100.00 14.69
	Male	13.49 86.51	13.86 86.14	14.34 85.66			
					14.32	13.64	14.69
Remand	Male	86.51	86.14	85.66	14.32 85.68	13.64 86.36	14.69 85.31
Remand	Male Total	86.51 100.00	86.14 100.00	85.66 100.00	14.32 85.68 100.00	13.64 86.36 100.00	14.69 85.31 100.00
Remand	Male Total Female	86.51 100.00 13.66	86.14 100.00 14.00	85.66 100.00 14.95	14.32 85.68 100.00 15.59	13.64 86.36 100.00 15.64	14.69 85.31 100.00 15.50
Remand Custodial sentence	Male Total Female Male	86.51 100.00 13.66 86.34	86.14 100.00 14.00 86.00	85.66 100.00 14.95 85.05	14.32 85.68 100.00 15.59 84.41	13.64 86.36 100.00 15.64 84.36	14.69 85.31 100.00 15.50 84.50 100.00
	Male Total Female Male Total	86.51 100.00 13.66 86.34 100.00	86.14 100.00 14.00 86.00 100.00	85.66 100.00 14.95 85.05 100.00	14.32 85.68 100.00 15.59 84.41 100.00	13.64 86.36 100.00 15.64 84.36 100.00	14.69 85.31 100.00 15.50 84.50 100.00
	Male Total Female Male Total Female	86.51 100.00 13.66 86.34 100.00 13.30	86.14 100.00 14.00 86.00 100.00 13.41	85.66 100.00 14.95 85.05 100.00 14.29	14.32 85.68 100.00 15.59 84.41 100.00 13.31	13.64 86.36 100.00 15.64 84.36 100.00 12.44	14.69 85.31 100.00 15.50 84.50 100.00 14.79
	Male Total Female Male Total Female Male	86.51 100.00 13.66 86.34 100.00 13.30 86.70	86.14 100.00 14.00 86.00 100.00 13.41 86.59	85.66 100.00 14.95 85.05 100.00 14.29 85.71	14.32 85.68 100.00 15.59 84.41 100.00 13.31 86.69	13.64 86.36 100.00 15.64 84.36 100.00 12.44 87.56	14.69 85.31 100.00 15.50 84.50 100.00 14.79 85.21
Custodial sentence	Male Total Female Male Total Female Male Total Fomale Male Total	86.51 100.00 13.66 86.34 100.00 13.30 86.70 100.00	86.14 100.00 14.00 86.00 100.00 13.41 86.59 100.00	85.66 100.00 14.95 85.05 100.00 14.29 85.71 100.00	14.32 85.68 100.00 15.59 84.41 100.00 13.31 86.69 100.00	13.64 86.36 100.00 15.64 84.36 100.00 12.44 87.56 100.00	14.69 85.31 100.00 15.50 84.50 100.00 14.79 85.21 100.00
Custodial sentence	Male Total Female Male Total Female Male Total Female Male Total Female	86.51 100.00 13.66 86.34 100.00 13.30 86.70 100.00 22.08	86.14 100.00 14.00 86.00 100.00 13.41 86.59 100.00 23.10	85.66 100.00 14.95 85.05 100.00 14.29 85.71 100.00 24.12	14.32 85.68 100.00 15.59 84.41 100.00 13.31 86.69 100.00 23.20	13.64 86.36 100.00 15.64 84.36 100.00 12.44 87.56 100.00 23.81	14.69 85.31 100.00 15.50 84.50 100.00 14.79 85.21 100.00 26.86
Custodial sentence	Male Total Female Male Total Female Male Total Female Male Total Female	86.51 100.00 13.66 86.34 100.00 13.30 86.70 100.00 22.08 77.92	86.14 100.00 14.00 86.00 100.00 13.41 86.59 100.00 23.10 76.90	85.66 100.00 14.95 85.05 100.00 14.29 85.71 100.00 24.12 75.88	14.32 85.68 100.00 15.59 84.41 100.00 13.31 86.69 100.00 23.20 76.80	13.64 86.36 100.00 15.64 84.36 100.00 12.44 87.56 100.00 23.81 76.19	14.69 85.31 100.00 15.50 84.50 100.00 14.79 85.21 100.00 26.86 73.14
Custodial sentence Non-supervised	Male Total Female Male Total Female Male Total Female Male Total Female Male Total	86.51 100.00 13.66 86.34 100.00 13.30 86.70 100.00 22.08 77.92 100.00	86.14 100.00 14.00 86.00 100.00 13.41 86.59 100.00 23.10 76.90 100.00	85.66 100.00 14.95 85.05 100.00 14.29 85.71 100.00 24.12 75.88 100.00	14.32 85.68 100.00 15.59 84.41 100.00 13.31 86.69 100.00 23.20 76.80 100.00	13.64 86.36 100.00 15.64 84.36 100.00 12.44 87.56 100.00 23.81 76.19 100.00	14.69 85.31 100.00 15.50 84.50 100.00 14.79 85.21 100.00 26.86 73.14 100.00

Tables

 $TABLE\ 17a: Number\ of\ individuals\ with\ adult\ corrections\ involvement\ by\ court\ outcome,\ socio-economic\ status,\ and\ study\ year,\ Albertan\ young\ adults\ aged\ 18\ to\ 25\ years$

Court outcome	Socio-economic status			Study	year		
Number of individuals		2005/06	2006/07	2007/08	2008/09	2009/10	2010/11
Alternative measures	Lowest	450	468	462	536	654	557
	Low middle	336	332	320	385	459	411
	Middle	271	283	266	333	395	363
	High middle	220	262	235	295	325	297
	Highest	197	178	189	251	307	243
	Total	1,474	1,523	1,472	1,800	2,140	1,871
Not sentenced	Lowest	817	845	889	951	1,017	933
	Low middle	365	403	459	438	421	407
	Middle	384	402	352	351	390	367
	High middle	152	184	173	181	212	210
	Highest	77	86	92	104	100	92
	Total	1,795	1,920	1,965	2,025	2,140	2,009
Remand	Lowest	773	783	871	909	908	906
	Low middle	399	436	460	477	447	448
	Middle	375	374	356	391	377	411
	High middle	208	201	223	247	221	227
	Highest	129	120	152	156	145	126
	Total	1,884	1,914	2,062	2,180	2,098	2,118
Custodial sentence	Lowest	1,180	1,116	1,152	1,174	1,285	1,200
	Low middle	559	555	626	602	628	576
	Middle	504	515	447	454	483	486
	High middle	266	257	225	248	278	272
	Highest	130	131	124	153	146	130
	Total	2,639	2,574	2,574	2,631	2,820	2,664
Non-supervised	Lowest	316	363	390	446	507	540
	Low middle	139	174	202	219	289	261
	Middle	135	181	154	170	195	194
	High middle	77	97	91	109	128	121
	Highest	33	41	55	58	71	77
	Total	700	856	892	1,002	1,190	1,193
Supervised community	Lowest	1,365	2,059	2,218	2,273	2,614	2,541
	Low middle	856	1,270	1,392	1,406	1,503	1,413
	Middle	717	997	1,017	1,086	1,176	1,230
	High middle	417	626	725	742	892	865
	Highest	293	458	489	552	581	548
	Total	3,648	5,410	5,841	6,059	6,766	6,597

TABLE 17b: Percentage of individuals with adult corrections involvement by court outcome, socio-economic status, and study year, Albertan young adults aged 18 to 25 years

Court outcome	Socio-economic status			Study	year		
Percentage of individuals with adult corrections		2005/06	2006/07	2007/08	2008/09	2009/10	2010/11
Alternative measures	Lowest	30.53	30.73	31.39	29.78	30.56	29.77
	Low middle	22.80	21.80	21.74	21.39	21.45	21.97
	Middle	18.39	18.58	18.07	18.50	18.46	19.40
	High middle	14.93	17.20	15.96	16.39	15.19	15.87
	Highest	13.36	11.69	12.84	13.94	14.35	12.99
	Total	100.00	100.00	100.00	100.00	100.00	100.00
Not sentenced	Lowest	45.52	44.01	45.24	46.96	47.52	46.44
	Low middle	20.33	20.99	23.36	21.63	19.67	20.26
	Middle	21.39	20.94	17.91	17.33	18.22	18.27
	High middle	8.47	9.58	8.80	8.94	9.91	10.45
	Highest	4.29	4.48	4.68	5.14	4.67	4.58
	Total	100.00	100.00	100.00	100.00	100.00	100.00
Remand	Lowest	41.03	40.91	42.24	41.70	43.28	42.78
	Low middle	21.18	22.78	22.31	21.88	21.31	21.15
	Middle	19.90	19.54	17.26	17.94	17.97	19.41
	High middle	11.04	10.50	10.81	11.33	10.53	10.72
	Highest	6.85	6.27	7.37	7.16	6.91	5.95
	Total	100.00	100.00	100.00	100.00	100.00	100.00
Custodial sentence	Lowest	44.71	43.36	44.76	44.62	45.57	45.05
	Low middle	21.18	21.56	24.32	22.88	22.27	21.62
	Middle	19.10	20.01	17.37	17.26	17.13	18.24
	High middle	10.08	9.98	8.74	9.43	9.86	10.21
	Highest	4.93	5.09	4.82	5.82	5.18	4.88
	Total	100.00	100.00	100.00	100.00	100.00	100.00
Non-supervised	Lowest	45.14	42.41	43.72	44.51	42.61	45.26
	Low middle	19.86	20.33	22.65	21.86	24.29	21.88
	Middle	19.29	21.14	17.26	16.97	16.39	16.26
	High middle	11.00	11.33	10.20	10.88	10.76	10.14
	Highest	4.71	4.79	6.17	5.79	5.97	6.45
	Total	100.00	100.00	100.00	100.00	100.00	100.00
Supervised community	Lowest	37.42	38.06	37.97	37.51	38.63	38.52
	Low middle	23.46	23.48	23.83	23.21	22.21	21.42
	Middle	19.65	18.43	17.41	17.92	17.38	18.64
	High middle	11.43	11.57	12.41	12.25	13.18	13.11
	Highest	8.03	8.47	8.37	9.11	8.59	8.31
	Total	100.00	100.00	100.00	100.00	100.00	100.00

Tables

 $TABLE\ 18a: \ Number\ of\ individuals\ with\ adult\ corrections\ involvement\ by\ court\ outcome,\ residential\ mobility,\ and\ study\ year,\ Albertan\ young\ adults\ aged\ 18\ to\ 25\ years$

Court outcome	Residential mobility			Study	year		
Number of individuals		2005/06	2006/07	2007/08	2008/09	2009/10	2010/11
Alternative measures	No moves	975	1,026	956	1,218	1,580	1,385
	One Move	255	265	265	274	285	259
	Two or more moves	117	84	88	96	106	94
	Total	1,347	1,375	1,309	1,588	1,971	1,738
Not sentenced	No moves	1,154	1,258	1,319	1,456	1,540	1,545
	One Move	351	364	361	385	416	401
	Two or more moves	179	159	151	174	202	190
	Total	1,684	1,781	1,831	2,015	2,158	2,136
Remand	No moves	1,208	1,272	1,361	1,500	1,503	1,565
	One Move	379	354	390	397	366	384
	Two or more moves	183	128	138	162	155	175
	Total	1,770	1,754	1,889	2,059	2,024	2,124
Custodial sentence	No moves	1,789	1,697	1,737	1,895	2,130	2,061
	One Move	537	502	475	488	487	515
	Two or more moves	226	201	197	206	236	228
	Total	2,552	2,400	2,409	2,589	2,853	2,804
Non-supervised	No moves	493	616	656	746	942	925
	One Move	147	164	163	185	183	232
	Two or more moves	68	72	81	86	92	104
	Total	708	852	900	1,017	1,217	1,261
Supervised community	No moves	2,235	3,450	3,638	4,013	4,862	4,930
	One Move	750	1,051	1,067	1,057	996	999
	Two or more moves	313	367	409	409	447	493
	Total	3,298	4,868	5,114	5,479	6,305	6,422

 $TABLE\ 18b: Percentage\ of\ individuals\ with\ adult\ corrections\ involvement\ by\ court\ outcome,\ residential\ mobility,\ and\ study\ year,\ Albertan\ young\ adults\ aged\ 18\ to\ 25\ years$

Court outcome	Residential mobility			Study	year		
Percentage of individuals with adult corrections		2005/06	2006/07	2007/08	2008/09	2009/10	2010/11
Alternative measures	No moves	72.38	74.62	73.03	76.70	80.16	79.69
	One Move	18.93	19.27	20.24	17.25	14.46	14.90
	Two or more moves	8.69	6.11	6.72	6.05	5.38	5.41
	Total	100.00	100.00	100.00	100.00	100.00	100.00
Not sentenced	No moves	68.53	70.63	72.04	72.26	71.36	72.33
	One Move	20.84	20.44	19.72	19.11	19.28	18.77
	Two or more moves	10.63	8.93	8.25	8.64	9.36	8.90
	Total	100.00	100.00	100.00	100.00	100.00	100.00
Remand	No moves	68.25	72.52	72.05	72.85	74.26	73.68
	One Move	21.41	20.18	20.65	19.28	18.08	18.08
	Two or more moves	10.34	7.30	7.31	7.87	7.66	8.24
	Total	100.00	100.00	100.00	100.00	100.00	100.00
Custodial sentence	No moves	70.10	70.71	72.10	73.19	74.66	73.50
	One Move	21.04	20.92	19.72	18.85	17.07	18.37
	Two or more moves	8.86	8.38	8.18	7.96	8.27	8.13
	Total	100.00	100.00	100.00	100.00	100.00	100.00
Non-supervised	No moves	69.63	72.30	72.89	73.35	77.40	73.35
	One Move	20.76	19.25	18.11	18.19	15.04	18.40
	Two or more moves	9.60	8.45	9.00	8.46	7.56	8.25
	Total	100.00	100.00	100.00	100.00	100.00	100.00
Supervised community	No moves	67.77	70.87	71.14	73.24	77.11	76.77
	One Move	22.74	21.59	20.86	19.29	15.80	15.56
	Two or more moves	9.49	7.54	8.00	7.46	7.09	7.68
	Total	100.00	100.00	100.00	100.00	100.00	100.00

TABLE 19: Number and percentage of individuals with adult corrections involvement by court outcome, high cost health use, and study year, Albertan young adults aged 18 to 25 years

Court outcome	High cost health use			Study	year		
Number of individuals		2005/06	2006/07	2007/08	2008/09	2009/10	2010/11
Alternative measures	High cost	140	131	114	161	189	176
	Not high cost	1,207	1,244	1,195	1,427	1,782	1,562
	Total	1,347	1,375	1,309	1,588	1,971	1,738
Not sentenced	High cost	273	332	354	358	375	368
	Not high cost	1,411	1,449	1,477	1,657	1,783	1,768
	Total	1,684	1,781	1,831	2,015	2,158	2,136
Remand	High cost	256	267	313	296	301	325
	Not high cost	1,514	1,487	1,576	1,763	1,723	1,799
	Total	1,770	1,754	1,889	2,059	2,024	2,124
Custodial sentence	High cost	392	396	399	411	446	463
	Not high cost	2,160	2,004	2,010	2,178	2,407	2,341
	Total	2,552	2,400	2,409	2,589	2,853	2,804
Non-supervised	High cost	126	137	154	172	188	196
	Not high cost	582	715	746	845	1,029	1,065
	Total	708	852	900	1,017	1,217	1,261
Supervised community	High cost	447	686	726	685	827	863
	Not high cost	2,851	4,182	4,388	4,794	5,478	5,559
	Total	3,298	4,868	5,114	5,479	6,305	6,422
$\underline{ \ \ Percentage \ of \ individuals \ with \ adult \ corrections }$		2005/06	2006/07	2007/08	2008/09	2009/10	2010/11
Alternative measures	High cost	10.39	9.53	8.71	10.14	9.59	10.13
	Not high cost	89.61	90.47	91.29	89.86	90.41	89.87
	Total	100.00	100.00	100.00	100.00	100.00	100.00
Not sentenced	High cost	16.21	18.64	19.33	17.77	17.38	17.23
	Not high cost	83.79	81.36	80.67	82.23	82.62	82.77
	Total	100.00	100.00	100.00	100.00	100.00	100.00
Remand	High cost	14.46	15.22	16.57	14.38	14.87	15.30
	Not high cost	85.54	84.78	83.43	85.62	85.13	84.70
	Total	100.00	100.00	100.00	100.00	100.00	100.00
Custodial sentence	High cost	15.36	16.50	16.56	15.87	15.63	16.51
	Not high cost	84.64	83.50	83.44	84.13	84.37	83.49
	Total	100.00	100.00	100.00	100.00	100.00	100.00
Non-supervised	High cost	17.80	16.08	17.11	16.91	15.45	15.54
	Not high cost	82.20	83.92	82.89	83.09	84.55	84.46
	Total	100.00	100.00	100.00	100.00	100.00	100.00
Supervised community	High cost	13.55	14.09	14.20	12.50	13.12	13.44
	Not high cost	86.45	85.91	85.80	87.50	86.88	86.56
	Total	100.00	100.00	100.00	100.00	100.00	100.00

TABLE 20: Number and percentage of individuals with adult corrections involvement by court outcome, mental health service use, and study year, Albertan young adults aged 18 to 25 years

Court outcome	Mental health service use			Study	year		
Number of individuals		2005/06	2006/07	2007/08	2008/09	2009/10	2010/11
Alternative measures	Mental health service	231	208	218	260	330	289
	No mental health service	1,118	1,167	1,092	1,329	1,643	1,450
	Total	1,349	1,375	1,310	1,589	1,973	1,739
Not sentenced	Mental health service	462	526	551	549	605	607
	No mental health service	1,225	1,262	1,283	1,468	1,561	1,535
	Total	1,687	1,788	1,834	2,017	2,166	2,142
Remand	Mental health service	431	437	482	511	493	535
	No mental health service	1,342	1,323	1,407	1,549	1,536	1,593
	Total	1,773	1,760	1,889	2,060	2,029	2,128
Custodial sentence	Mental health service	650	644	650	654	702	734
	No mental health service	1,906	1,763	1,764	1,937	2,158	2,076
	Total	2,556	2,407	2,414	2,591	2,860	2,810
Non-supervised	Mental health service	175	233	245	288	310	315
	No mental health service	534	619	656	729	909	950
	Total	709	852	901	1,017	1,219	1,265
Supervised community	Mental health service	792	1,121	1,182	1,254	1,389	1,428
	No mental health service	2,507	3,756	3,938	4,231	4,929	5,010
	Total	3,299	4,877	5,120	5,485	6,318	6,438
	TOTAL	3,477	4,077	3,120	3,103	0,510	0,430
	Total	3,277	4,077	3,120	3,103	0,310	0,430
Percentage of individuals with adult corrections	Total	2005/06	2006/07	2007/08	2008/09	2009/10	2010/11
Percentage of individuals with adult corrections Alternative measures	Mental health service		,				
		2005/06	2006/07	2007/08	2008/09	2009/10	2010/11
	Mental health service	2005/06	2006/07	2007/08	2008/09	2009/10	2010/11
	Mental health service No mental health service	2005/06 17.12 82.88	2006/07 15.13 84.87	2007/08 16.64 83.36	2008/09 16.36 83.64	2009/10 16.73 83.27	2010/11 16.62 83.38
Alternative measures	Mental health service No mental health service Total	2005/06 17.12 82.88 100.00	2006/07 15.13 84.87 100.00	2007/08 16.64 83.36 100.00	2008/09 16.36 83.64 100.00	2009/10 16.73 83.27 100.00	2010/11 16.62 83.38 100.00
Alternative measures	Mental health service No mental health service Total Mental health service	2005/06 17.12 82.88 100.00 27.39	2006/07 15.13 84.87 100.00 29.42	2007/08 16.64 83.36 100.00 30.04	2008/09 16.36 83.64 100.00 27.22	2009/10 16.73 83.27 100.00 27.93	2010/11 16.62 83.38 100.00 28.34
Alternative measures	Mental health service No mental health service Total Mental health service No mental health service	2005/06 17.12 82.88 100.00 27.39 72.61	2006/07 15.13 84.87 100.00 29.42 70.58	2007/08 16.64 83.36 100.00 30.04 69.96	2008/09 16.36 83.64 100.00 27.22 72.78	2009/10 16.73 83.27 100.00 27.93 72.07	2010/11 16.62 83.38 100.00 28.34 71.66
Alternative measures Not sentenced	Mental health service No mental health service Total Mental health service No mental health service Total	2005/06 17.12 82.88 100.00 27.39 72.61 100.00	2006/07 15.13 84.87 100.00 29.42 70.58 100.00	2007/08 16.64 83.36 100.00 30.04 69.96 100.00	2008/09 16.36 83.64 100.00 27.22 72.78 100.00	2009/10 16.73 83.27 100.00 27.93 72.07 100.00	2010/11 16.62 83.38 100.00 28.34 71.66 100.00
Alternative measures Not sentenced	Mental health service No mental health service Total Mental health service No mental health service Total Mental health service	2005/06 17.12 82.88 100.00 27.39 72.61 100.00 24.31	2006/07 15.13 84.87 100.00 29.42 70.58 100.00 24.83	2007/08 16.64 83.36 100.00 30.04 69.96 100.00 25.52	2008/09 16.36 83.64 100.00 27.22 72.78 100.00 24.81	2009/10 16.73 83.27 100.00 27.93 72.07 100.00 24.30	2010/11 16.62 83.38 100.00 28.34 71.66 100.00 25.14
Alternative measures Not sentenced	Mental health service No mental health service Total Mental health service No mental health service Total Mental health service No mental health service	2005/06 17.12 82.88 100.00 27.39 72.61 100.00 24.31 75.69	2006/07 15.13 84.87 100.00 29.42 70.58 100.00 24.83 75.17	2007/08 16.64 83.36 100.00 30.04 69.96 100.00 25.52 74.48	2008/09 16.36 83.64 100.00 27.22 72.78 100.00 24.81 75.19	2009/10 16.73 83.27 100.00 27.93 72.07 100.00 24.30 75.70	2010/11 16.62 83.38 100.00 28.34 71.66 100.00 25.14 74.86
Alternative measures Not sentenced Remand	Mental health service No mental health service Total Mental health service No mental health service Total Mental health service No mental health service Total	2005/06 17.12 82.88 100.00 27.39 72.61 100.00 24.31 75.69 100.00	2006/07 15.13 84.87 100.00 29.42 70.58 100.00 24.83 75.17 100.00	2007/08 16.64 83.36 100.00 30.04 69.96 100.00 25.52 74.48 100.00	2008/09 16.36 83.64 100.00 27.22 72.78 100.00 24.81 75.19 100.00	2009/10 16.73 83.27 100.00 27.93 72.07 100.00 24.30 75.70 100.00	2010/11 16.62 83.38 100.00 28.34 71.66 100.00 25.14 74.86 100.00
Alternative measures Not sentenced Remand	Mental health service No mental health service Total Mental health service No mental health service Total Mental health service No mental health service Total Mental health service	2005/06 17.12 82.88 100.00 27.39 72.61 100.00 24.31 75.69 100.00 25.43	2006/07 15.13 84.87 100.00 29.42 70.58 100.00 24.83 75.17 100.00 26.76	2007/08 16.64 83.36 100.00 30.04 69.96 100.00 25.52 74.48 100.00 26.93	2008/09 16.36 83.64 100.00 27.22 72.78 100.00 24.81 75.19 100.00 25.24	2009/10 16.73 83.27 100.00 27.93 72.07 100.00 24.30 75.70 100.00 24.55	2010/11 16.62 83.38 100.00 28.34 71.66 100.00 25.14 74.86 100.00 26.12
Alternative measures Not sentenced Remand	Mental health service No mental health service Total Mental health service No mental health service Total Mental health service No mental health service Total Mental health service Total Mental health service No mental health service	2005/06 17.12 82.88 100.00 27.39 72.61 100.00 24.31 75.69 100.00 25.43 74.57	2006/07 15.13 84.87 100.00 29.42 70.58 100.00 24.83 75.17 100.00 26.76 73.24	2007/08 16.64 83.36 100.00 30.04 69.96 100.00 25.52 74.48 100.00 26.93 73.07	2008/09 16.36 83.64 100.00 27.22 72.78 100.00 24.81 75.19 100.00 25.24 74.76	2009/10 16.73 83.27 100.00 27.93 72.07 100.00 24.30 75.70 100.00 24.55 75.45	2010/11 16.62 83.38 100.00 28.34 71.66 100.00 25.14 74.86 100.00 26.12 73.88
Alternative measures Not sentenced Remand Custodial sentence	Mental health service No mental health service Total Mental health service No mental health service Total Mental health service No mental health service Total Mental health service Total Mental health service Total Total	2005/06 17.12 82.88 100.00 27.39 72.61 100.00 24.31 75.69 100.00 25.43 74.57	2006/07 15.13 84.87 100.00 29.42 70.58 100.00 24.83 75.17 100.00 26.76 73.24 100.00	2007/08 16.64 83.36 100.00 30.04 69.96 100.00 25.52 74.48 100.00 26.93 73.07 100.00	2008/09 16.36 83.64 100.00 27.22 72.78 100.00 24.81 75.19 100.00 25.24 74.76 100.00	2009/10 16.73 83.27 100.00 27.93 72.07 100.00 24.30 75.70 100.00 24.55 75.45 100.00	2010/11 16.62 83.38 100.00 28.34 71.66 100.00 25.14 74.86 100.00 26.12 73.88 100.00
Alternative measures Not sentenced Remand Custodial sentence	Mental health service No mental health service Total Mental health service No mental health service Total Mental health service No mental health service Total Mental health service Total Mental health service Total Mental health service No mental health service Mo mental health service	2005/06 17.12 82.88 100.00 27.39 72.61 100.00 24.31 75.69 100.00 25.43 74.57 100.00 24.68	2006/07 15.13 84.87 100.00 29.42 70.58 100.00 24.83 75.17 100.00 26.76 73.24 100.00 27.35	2007/08 16.64 83.36 100.00 30.04 69.96 100.00 25.52 74.48 100.00 26.93 73.07 100.00	2008/09 16.36 83.64 100.00 27.22 72.78 100.00 24.81 75.19 100.00 25.24 74.76 100.00 28.32	2009/10 16.73 83.27 100.00 27.93 72.07 100.00 24.30 75.70 100.00 24.55 75.45 100.00 25.43	2010/11 16.62 83.38 100.00 28.34 71.66 100.00 25.14 74.86 100.00 26.12 73.88 100.00 24.90
Alternative measures Not sentenced Remand Custodial sentence	Mental health service No mental health service Total Mental health service No mental health service Total Mental health service No mental health service Total Mental health service Total Mental health service No mental health service No mental health service Total Mental health service Total Mental health service	2005/06 17.12 82.88 100.00 27.39 72.61 100.00 24.31 75.69 100.00 25.43 74.57 100.00 24.68 75.32	2006/07 15.13 84.87 100.00 29.42 70.58 100.00 24.83 75.17 100.00 26.76 73.24 100.00 27.35 72.65	2007/08 16.64 83.36 100.00 30.04 69.96 100.00 25.52 74.48 100.00 26.93 73.07 100.00 27.19 72.81	2008/09 16.36 83.64 100.00 27.22 72.78 100.00 24.81 75.19 100.00 25.24 74.76 100.00 28.32 71.68	2009/10 16.73 83.27 100.00 27.93 72.07 100.00 24.30 75.70 100.00 24.55 75.45 100.00 25.43 74.57	2010/11 16.62 83.38 100.00 28.34 71.66 100.00 25.14 74.86 100.00 26.12 73.88 100.00 24.90 75.10
Alternative measures Not sentenced Remand Custodial sentence Non-supervised	Mental health service No mental health service Total Mental health service Total Mental health service Total	2005/06 17.12 82.88 100.00 27.39 72.61 100.00 24.31 75.69 100.00 25.43 74.57 100.00 24.68 75.32	2006/07 15.13 84.87 100.00 29.42 70.58 100.00 24.83 75.17 100.00 26.76 73.24 100.00 27.35 72.65 100.00	2007/08 16.64 83.36 100.00 30.04 69.96 100.00 25.52 74.48 100.00 26.93 73.07 100.00 27.19 72.81 100.00	2008/09 16.36 83.64 100.00 27.22 72.78 100.00 24.81 75.19 100.00 25.24 74.76 100.00 28.32 71.68 100.00	2009/10 16.73 83.27 100.00 27.93 72.07 100.00 24.30 75.70 100.00 24.55 75.45 100.00 25.43 74.57 100.00	2010/11 16.62 83.38 100.00 28.34 71.66 100.00 25.14 74.86 100.00 26.12 73.88 100.00 24.90 75.10 100.00

TABLE 21: Number and percentage of individuals with adult corrections involvement by court outcome, high school completion, and study year, Albertan young adults aged 18 to 25 years

Court outcome	High school completion			Study year				
Number of individuals		2005/06	2006/07	2007/08	2008/09	2009/10	2010/11	
Alternative measures	Completed	73	181	308	493	683	708	
	Not completed	82	164	263	452	618	626	
	Total	155	345	571	945	1,301	1,334	
Not sentenced	Completed	14	31	55	89	111	127	
	Not completed	50	152	312	544	803	997	
	Total	64	183	367	633	914	1,124	
Remand	Completed	14	41	90	125	180	242	
	Not completed	77	193	403	604	810	974	
	Total	91	234	493	729	990	1,216	
Custodial sentence	Completed	13	36	63	114	194	213	
	Not completed	71	201	364	669	1,019	1,280	
	Total	84	237	427	783	1,213	1,493	
Non-supervised	Completed	<10	17	40	78	142	192	
	Not completed		72	147	249	375	523	
	Total		89	187	327	517	715	
Supervised community	Completed	36	140	321	557	892	1,141	
	Not completed	110	366	790	1,353	2,098	2,613	
	Total	146	506	1,111	1,910	2,990	3,754	
Percentage of individuals with adult corrections		2005/06	2006/07	2007/08	2008/09	2009/10	2010/11	
Alternative measures	Completed	47.10	52.46	53.94	52.17	52.50	53.07	
	Not completed	52.90	47.54	46.06	47.83	47.50	46.93	
	Total	100.00	100.00	100.00	100.00	100.00	100.00	
Not sentenced	Completed	21.88	16.94	14.99	14.06	12.14	11.30	
	Not completed	78.13	83.06	85.01	85.94	87.86	88.70	
	Total	100.00	100.00	100.00	100.00	100.00	100.00	
Remand	Completed	15.38	17.52	18.26	17.15	18.18	19.90	
	Not completed	84.62	82.48	81.74	82.85	81.82	80.10	
	Total	100.00	100.00	100.00	100.00	100.00	100.00	
Custodial sentence	Completed	15.48	15.19	14.75	14.56	15.99	14.27	
	Not completed	84.52	84.81	85.25	85.44	84.01	85.73	
	Total	100.00	100.00	100.00	100.00	100.00	100.00	
Non-supervised	Completed		19.10	21.39	23.85	27.47	26.85	
	Not completed		80.90	78.61	76.15	72.53	73.15	
	Total		100.00	100.00	100.00	100.00	100.00	
Supervised community	Completed	24.66	27.67	28.89	29.16	29.83	30.39	
	Not completed	75.34	72.33	71.11	70.84	70.17	69.61	
	Total	100.00	100.00	100.00	100.00	100.00	100.00	

Percentages and numbers were replaced with "." if numerators were under 10.

TABLE 22: Number and percentage of individuals with adult corrections involvement by court outcome, Child Support Services respondents service use, and study year, Albertan young adults aged 18 to 25 years

rrt outcome Child Support Services (CSS) Respondents Study year					year		
Number of individuals		2005/06	2006/07	2007/08	2008/09	2009/10	2010/11
Alternative measures	CSS-respondents	10	11	<10	13	19	22
	Not CSS-respondents	1,895	1,992		2,323	2,739	2,371
	Total	1,905	2,003		2,336	2,758	2,393
Not sentenced	CSS-respondents	140	121	133	158	167	126
	Not CSS-respondents	2,418	2,663	2,775	2,866	2,824	2,733
	Total	2,558	2,784	2,908	3,024	2,991	2,859
Remand	CSS-respondents	119	95	139	123	146	131
	Not CSS-respondents	2,488	2,669	2,805	2,937	2,692	2,740
	Total	2,607	2,764	2,944	3,060	2,838	2,871
Custodial sentence	CSS-respondents	192	157	167	190	224	186
	Not CSS-respondents	3,544	3,601	3,592	3,694	3,762	3,560
	Total	3,736	3,758	3,759	3,884	3,986	3,746
Non-supervised	CSS-respondents	41	39	53	43	71	68
	Not CSS-respondents	942	1,186	1,257	1,371	1,563	1,581
	Total	983	1,225	1,310	1,414	1,634	1,649
Supervised community	CSS-respondents	188	222	262	278	323	293
	Not CSS-respondents	4,844	7,467	7,997	8,256	8,779	8,689
	Total	5,032	7,689	8,259	8,534	9,102	8,982
Percentage of individuals with adult corrections		2005/06	2006/07	2007/08	2008/09	2009/10	2010/11
Alternative measures	CSS-respondents	0.52	0.55		0.56	0.69	0.92
	Not CSS-respondents	99.48	99.45		99.44	99.31	99.08
	Total	100.00	100.00		100.00	100.00	100.00
Not sentenced	CSS-respondents	5.47	4.35	4.57	5.22	5.58	4.41
	Not CSS-respondents	94.53	95.65	95.43	94.78	94.42	95.59
	Total	100.00	100.00	100.00	100.00	100.00	100.00
Remand	CSS-respondents	4.56	3.44	4.72	4.02	5.14	4.56
	Not CSS-respondents	95.44	96.56	95.28	95.98	94.86	95.44
	Total	100.00	100.00	100.00	100.00	100.00	100.00
Custodial sentence	CSS-respondents	5.14	4.18	4.44	4.89	5.62	4.97
	Not CSS-respondents	94.86	95.82	95.56	95.11	94.38	95.03
	Total	100.00	100.00	100.00	100.00	100.00	100.00
Non-supervised	CSS-respondents	4.17	3.18	4.05	3.04	4.35	4.12
	Not CSS-respondents	95.83	96.82	95.95	96.96	95.65	95.88
	Total	100.00	100.00	100.00	100.00	100.00	100.00
Supervised community	CSS-respondents	3.74	2.89	3.17	3.26	3.55	3.26
	Not CSS-respondents	96.26	97.11	96.83	96.74	96.45	96.74

Percentages and numbers were replaced with "." if numerators were under 10.

TABLE 23: Number and percentage of individuals with adult corrections involvement by court outcome, Assured Income for the Severely Handicapped (AISH) service use, and study year, Albertan young adults aged 18 to 25 years

Court outcome	Assured Income for the Severely Handicapped (AISH)	Study year					
Number of individuals		2005/06	2006/07	2007/08	2008/09	2009/10	2010/11
Alternative measures	AISH	24	19	23	26	46	45
	No AISH	1,881	1,984	1,967	2,310	2,712	2,348
	Total	1,905	2,003	1,990	2,336	2,758	2,393
Not sentenced	AISH	35	57	53	60	79	75
	No AISH	2,523	2,727	2,855	2,964	2,912	2,784
	Total	2,558	2,784	2,908	3,024	2,991	2,859
Remand	AISH	25	35	30	48	50	63
	No AISH	2,582	2,729	2,914	3,012	2,788	2,808
	Total	2,607	2,764	2,944	3,060	2,838	2,871
Custodial sentence	AISH	42	72	69	77	91	98
	No AISH	3,694	3,686	3,690	3,807	3,895	3,648
	Total	3,736	3,758	3,759	3,884	3,986	3,746
Non-supervised	AISH	16	21	20	33	38	39
	No AISH	967	1,204	1,290	1,381	1,596	1,610
	Total	983	1,225	1,310	1,414	1,634	1,649
Supervised community	AISH	48	104	151	146	193	208
	No AISH	4,984	7,585	8,108	8,388	8,909	8,774
	Total	5,032	7,689	8,259	8,534	9,102	8,982
Percentage of individuals with adult corrections		2005/06	2006/07	2007/08	2008/09	2009/10	2010/11
Alternative measures	AISH	1.26	0.95	1.16	1.11	1.67	1.88
	No AISH	98.74	99.05	98.84	98.89	98.33	98.12
	Total	100.00	100.00	100.00	100.00	100.00	100.00
Not sentenced	AISH	1.37	2.05	1.82	1.98	2.64	2.62
	No AISH	98.63	97.95	98.18	98.02	97.36	97.38
	Total	100.00	100.00	100.00	100.00	100.00	100.00
Remand	AISH	0.96	1.27	1.02	1.57	1.76	2.19
	No AISH	99.04	98.73	98.98	98.43	98.24	97.81
	Total	100.00	100.00	100.00	100.00	100.00	100.00
Custodial sentence	AISH	1.12	1.92	1.84	1.98	2.28	2.62
	No AISH	98.88	98.08	98.16	98.02	97.72	97.38
	Total	100.00	100.00	100.00	100.00	100.00	100.00
Non-supervised	AISH	1.63	1.71	1.53	2.33	2.33	2.37
	No AISH	98.37	98.29	98.47	97.67	97.67	97.63
	Total	100.00	100.00	100.00	100.00	100.00	100.00
Supervised community	AISH	0.95	1.35	1.83	1.71	2.12	2.32
	No AISH	99.05	98.65	98.17	98.29	97.88	97.68
	Total	100.00	100.00	100.00	100.00	100.00	100.00

TABLE 24: Number and percentage of individuals with adult corrections involvement by court outcome, Income Support service use, and study year, Albertan young adults aged 18 to 25 years

Court outcome	Income Support		Study year					
Number of individuals		2005/06	2006/07	2007/08	2008/09	2009/10	2010/11	
Alternative measures	Income Support	148	128	130	229	331	260	
	No Income Support	1,757	1,875	1,860	2,107	2,427	2,133	
	Total	1,905	2,003	1,990	2,336	2,758	2,393	
Not sentenced	Income Support	413	475	545	651	717	615	
	No Income Support	2,145	2,309	2,363	2,373	2,274	2,244	
	Total	2,558	2,784	2,908	3,024	2,991	2,859	
Remand	Income Support	344	400	480	568	598	519	
	No Income Support	2,263	2,364	2,464	2,492	2,240	2,352	
	Total	2,607	2,764	2,944	3,060	2,838	2,871	
Custodial sentence	Income Support	553	599	670	771	894	758	
	No Income Support	3,183	3,159	3,089	3,113	3,092	2,988	
	Total	3,736	3,758	3,759	3,884	3,986	3,746	
Non-supervised	Income Support	158	202	215	287	339	319	
•	No Income Support	825	1,023	1,095	1,127	1,295	1,330	
	Total	983	1,225	1,310	1,414	1,634	1,649	
Supervised community	Income Support	580	931	1,112	1,301	1,586	1,394	
	No Income Support	4,452	6,758	7,147	7,233	7,516	7,588	
	Total	5,032	7,689	8,259	8,534	9,102	8,982	
Percentage of individuals with adult corrections		2005/06	2006/07	2007/08	2008/09	2009/10	2010/11	
Alternative measures	Income Support	7.77	6.39	6.53	9.80	12.00	10.87	
	No Income Support	92.23	93.61	93.47	90.20	88.00	89.13	
	Total	100.00	100.00	100.00	100.00	100.00	100.00	
Not sentenced	Income Support	16.15	17.06	18.74	21.53	23.97	21.51	
	No Income Support	83.85	82.94	81.26	78.47	76.03	78.49	
	Total	100.00	100.00	100.00	100.00	100.00	100.00	
Remand	Income Support	13.20	14.47	16.30	18.56	21.07	18.08	
	No Income Support	86.80	85.53	83.70	81.44	78.93	81.92	
	Total	100.00	100.00	100.00	100.00	100.00	100.00	
Custodial sentence	Income Support	14.80	15.94	17.82	19.85	22.43	20.23	
	No Income Support	85.20	84.06	82.18	80.15	77.57	79.77	
	Total	100.00	100.00	100.00	100.00	100.00	100.00	
Non-supervised	Income Support	16.07	16.49	16.41	20.30	20.75	19.35	
	No Income Support	83.93	83.51	83.59	79.70	79.25	80.65	
	Total	100.00	100.00	100.00	100.00	100.00	100.00	
Supervised community	Income Support	11.53	12.11	13.46	15.24	17.42	15.52	
	No Income Support	88.47	87.89	86.54	84.76	82.58	84.48	
	Total	100.00	100.00	100.00	100.00	100.00	100.00	

 $TABLE\ 25: Number\ and\ percentage\ of\ individuals\ with\ adult\ corrections\ involvement\ by\ court\ outcome,\ post-secondary\ enrolment,\ and\ study\ year,\ Albertan\ young\ adults\ aged\ 18\ to\ 25\ years$

Court outcome	Post-secondary enrolment			Study	year		
Number of individuals		2005/06	2006/07	2007/08	2008/09	2009/10	2010/11
Alternative measures	Post-secondary	248	236	214	262	321	342
	No post-secondary	1,657	1,767	1,776	2,074	2,437	2,051
	Total	1,905	2,003	1,990	2,336	2,758	2,393
Not sentenced	Post-secondary	394	382	163	163	191	154
	No post-secondary	2,164	2,402	2,745	2,861	2,800	2,705
	Total	2,558	2,784	2,908	3,024	2,991	2,859
Remand	Post-secondary	231	238	120	133	129	128
	No post-secondary	2,376	2,526	2,824	2,927	2,709	2,743
	Total	2,607	2,764	2,944	3,060	2,838	2,871
Custodial sentence	Post-secondary	498	440	210	220	239	216
	No post-secondary	3,238	3,318	3,549	3,664	3,747	3,530
	Total	3,736	3,758	3,759	3,884	3,986	3,746
Non-supervised	Post-secondary	102	104	78	100	107	132
	No post-secondary	881	1,121	1,232	1,314	1,527	1,517
	Total	983	1,225	1,310	1,414	1,634	1,649
Supervised community	Post-secondary	470	617	508	512	613	571
	No post-secondary	4,562	7,072	7,751	8,022	8,489	8,411
	Total	5,032	7,689	8,259	8,534	9,102	8,982
Percentage of individuals with adult corrections		2005/06	2006/07	2007/08	2008/09	2009/10	2010/11
Alternative measures	Post-secondary	13.02	11.78	10.75	11.22	11.64	14.29
	No post-secondary	86.98	88.22	89.25	88.78	88.36	85.71
	Total	100.00	100.00	100.00	100.00	100.00	100.00
Not sentenced	Post-secondary	15.40	13.72	5.61	5.39	6.39	5.39
	No post-secondary	84.60	86.28	94.39	94.61	93.61	94.61
	Total				40000		
	Total	100.00	100.00	100.00	100.00	100.00	100.00
Remand	Post-secondary	100.00 8.86	100.00 8.61	100.00	4.35	100.00 4.55	
Remand							4.46
Remand	Post-secondary	8.86	8.61	4.08	4.35	4.55	4.4 <i>6</i> 95.54
Remand Custodial sentence	Post-secondary No post-secondary	8.86 91.14	8.61 91.39	4.08 95.92	4.35 95.65	4.55 95.45	4.46 95.54 100.00
	Post-secondary No post-secondary Total	8.86 91.14 100.00	8.61 91.39 100.00	4.08 95.92 100.00	4.35 95.65 100.00	4.55 95.45 100.00	4.46 95.54 100.00 5.77
	Post-secondary No post-secondary Total Post-secondary	8.86 91.14 100.00 13.33	8.61 91.39 100.00 11.71	4.08 95.92 100.00 5.59	4.35 95.65 100.00 5.66	4.55 95.45 100.00 6.00	4.46 95.54 100.00 5.77 94.23
	Post-secondary No post-secondary Total Post-secondary No post-secondary	8.86 91.14 100.00 13.33 86.67	8.61 91.39 100.00 11.71 88.29	4.08 95.92 100.00 5.59 94.41	4.35 95.65 100.00 5.66 94.34	4.55 95.45 100.00 6.00 94.00	4.46 95.54 100.00 5.77 94.23
Custodial sentence	Post-secondary No post-secondary Total Post-secondary No post-secondary Total	8.86 91.14 100.00 13.33 86.67 100.00	8.61 91.39 100.00 11.71 88.29 100.00	4.08 95.92 100.00 5.59 94.41 100.00	4.35 95.65 100.00 5.66 94.34 100.00	4.55 95.45 100.00 6.00 94.00 100.00	4.46 95.54 100.00 5.77 94.23 100.00 8.00
Custodial sentence	Post-secondary No post-secondary Total Post-secondary No post-secondary Total Post-secondary	8.86 91.14 100.00 13.33 86.67 100.00 10.38	8.61 91.39 100.00 11.71 88.29 100.00 8.49	4.08 95.92 100.00 5.59 94.41 100.00 5.95	4.35 95.65 100.00 5.66 94.34 100.00 7.07	4.55 95.45 100.00 6.00 94.00 100.00 6.55	4.46 95.54 100.00 5.77 94.23 100.00 8.00 92.00
Custodial sentence	Post-secondary No post-secondary Total Post-secondary No post-secondary Total Post-secondary No post-secondary	8.86 91.14 100.00 13.33 86.67 100.00 10.38 89.62	8.61 91.39 100.00 11.71 88.29 100.00 8.49 91.51	4.08 95.92 100.00 5.59 94.41 100.00 5.95 94.05	4.35 95.65 100.00 5.66 94.34 100.00 7.07 92.93	4.55 95.45 100.00 6.00 94.00 100.00 6.55 93.45	100.00 4.46 95.54 100.00 5.77 94.23 100.00 8.00 92.00 100.00 6.36
Custodial sentence Non-supervised	Post-secondary No post-secondary Total Post-secondary No post-secondary Total Post-secondary No post-secondary Total	8.86 91.14 100.00 13.33 86.67 100.00 10.38 89.62 100.00	8.61 91.39 100.00 11.71 88.29 100.00 8.49 91.51 100.00	4.08 95.92 100.00 5.59 94.41 100.00 5.95 94.05 100.00	4.35 95.65 100.00 5.66 94.34 100.00 7.07 92.93 100.00	4.55 95.45 100.00 6.00 94.00 100.00 6.55 93.45 100.00	4.46 95.54 100.00 5.77 94.23 100.00 8.00 92.00

Definitions and notes

- Age, gender, and postal code (translated into Statistics Canada dissemination areas) were provided for
 each individual by each participating program. In the case of discrepancies between programs, the most
 common value for an indicator was chosen. In the event of two or more most common values, the value
 for the indicator was chosen randomly from the most common values.
- The **Assured Income for the Severely Handicapped (AISH)** program provides financial and healthrelated assistance to Albertan adults (aged 18 and older) who have a severe handicap that is permanent and substantially limits ability to earn a living.
- Children's Services (CS) and Community and Social Services (CSS) service delivery regions were used for regional analyses. Dissemination areas from the 2006 Statistics Canada Census were used to determine region. Those with missing dissemination areas are excluded from analyses. There are seven regions (Northwest, Northeast, North Central, Edmonton, Central, Calgary, South); the boundaries for these regions are shown on the map.
- Child Support Services helps Applicants (single parents and parents in blended families, aged 18 to 30) reach child support payment agreements or obtain court orders for payment from Respondents (aged 18 to 30), for Dependant children (aged 0 to 24).
- Young adults with **corrections involvement** have appeared before the Court or a Justice of the Peace for an offence charge and have been remanded in custody or placed under pre-trial supervision in the community awaiting further court dates, or have been found guilty and sentenced to a community disposition (i.e. Fine, Probation, Community Service Work, Deferred Custody) and/or custody (in which the sentence is served in a custodial facility).
- **Court outcome** is broken down into alternative measures (for non serious or first time offences where the adult accepts responsibility. If completed the offence is withdrawn and does not appear as a conviction), not sentenced (other removal of the offence including dismissed, not criminally responsible, withdrawn, loss of jurisdiction, etc.), remand (custody before a court date), sentenced (custodial sentences in a correctional facility and non-custodial sentences in the community including absolute discharge), non-supervised (fines, prohibition order, compensation order, reprimands, etc.), probation (supervision in the community with conditions to do or not to do things for a certain time), and supervised sentence (conditional supervision, community supervision, pretrial supervision, breach, appeals, etc.).
- Cross-ministry analyses included only study participants who were linked across the relevant programs. This means that not all participants in the project were represented in every analysis. As well, only participants with a value for a given indicator were included in analyses involving that indicator (i.e., missing values were excluded).
- **High cost health service use:** Cost estimates per type of service across physician visits (general practitioner or specialist), ambulatory care visits (emergency or other ambulatory care), and hospitalizations (by type of service) were obtained from the Canadian Institute for Health Information. Estimated costs per visit were summed across all visits for each individual. High cost health users were those in the top 5% of estimated costs for their age groups and genders.



Definitions and notes (continued)

- **High School completion** is based on being a credentialed completer or non-credentialed completer during the study period. A credentialed completer has a high school diploma, high school equivalency diploma, or a certificate of achievement. A non-credentialed completer has post-secondary attendance, apprenticeship, or achieved academic standing with course completion, but does not have a diploma or certificate as found with credentialed completers.
- **Income Support** provides financial assistance to individuals (aged 16 and older) who are unable to meet their basic needs.
- Mental health service was defined by the presence or absence of mental health diagnosis codes (two or more of ICD-9: 290-309.9, 311-314.9, 316, or a single ICD-10CA: F00-F06.9, F09-F69, F84-F99, G31.2, G44.2, R41.0) in Alberta Healths' databases (Inpatient—Discharge Abstract Database, Ambulatory Care, and Practitioner Payments), or in the Family Support for Children with Disabilities (FSCD) or the Assured Income for the Severely Handicapped (AISH) information systems. Only Albertans who were registered with the Alberta Health Care Insurance Plan for the full fiscal year or who had a mental health service with FSCD or AISH were included. Mental health service use is a proxy for presence of a mental health condition; some youth with mental health conditions may not have accessed mental health services in Alberta during the year, and some mental health service use may have occurred for youth who did not in fact have mental health conditions.
- **Post-secondary** students are individuals (aged 17 to 30) enrolled in publicly-funded universities, public colleges, and technical institutes in Alberta.
- **Report population:** For this report, age groups were equated across study years. This meant that individuals over the age of 25 years were excluded from analyses by year, because no study participants were older than 25 years in the first study year.
- **Residential mobility** was defined as the number of unique postal codes within the Alberta Health Care Insurance Plan registry during the study period. Health care premiums ceased to be collected on January 1st, 2009; addresses in the registry have been updated less often since that time, reducing their accuracy.
- **Socio-economic status (SES)** captures the social and material environments in which individuals lived. For each year of the study period, an individual was assigned a dissemination area level socio-economic status via an index based on Statistics Canada 2006 Census data⁷. Six indicators were included in the index: percent without a high school diploma, the employment rate, average income, percent of single families, percent of persons living alone, and percent of persons separated, divorced, or widowed. Socio-economic status values fell into five quintiles of 2006 census.
- **Study population:** The study included individuals with a date of birth between April 1, 1980 and March 31, 2011 and who received services from one of the programs in the study or were registered in the Alberta Health Care Insurance Plan between April 1, 2005 and March 31, 2011. The youngest study participants were those born in the last study year. The oldest study participants were 25 years old at the end of the first study year and consequently 30 years old at the end of the last study year.
- **Tables** are shown by fiscal year (or educational study year, as applicable).

References

- 1. Department of Justice Canada, The Youth Criminal Justice Act: Summary and Background (2006): Ottawa. Retrieved from: http://www.justice.gc.ca/eng/cj-jp/yj-jj/tools-outils/back-hist.html
- 2. Statistics Canada. Community corrections in Canada (Ottawa, Canadian Centre for Justice Statistics, 2004).
- 3. Reitano, J. (2016). Adult correctional statistics in Canada, 2014/15. Juristat, ISSN 1209-6393
- 4. Canadian Institute for Health Information., *Improving the Health of Canadians: Mental Health, Delinquency and Criminal Activity* (Ottawa; CIHI, 2008).
- 5. Popova, S., Lange, S., Bekmuradov, D., Mihic, A., Rehm, J. (2011). Fetal Alcohol Spectrum Disorder prevalence estimates in correctional systems: A systematic literature review. *Canadian Journal of Public Health*, *102*(5), 226-340.
- 6. Public Safety Canada (2012). *A statistical snapshot of youth at risk and youth offending in Canada.* Ottawa: National Crime Prevention Centre. ISBN: 978-1-100-19989-4.
- 7. Pampalon, R., Hamel, D., Garnache, P., Raymond, G. (2009). A deprivation index for health planning in Canada. *Chronic Diseases in Canada*, *29*(4), 178-91.

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The Child and Youth Data Laboratory

The Child and Youth Data Laboratory's (CYDL's) Longitudinal Project (*Experiences of Albertan Children and Youth over Time, 2005/06 to 2010/11*) is a joint initiative between PolicyWise for Children & Families and participating ministries in the Government of Alberta. The mandate of the CYDL is to link and analyse administrative data from Government ministries, to provide evidence for policy and program development.

The CYDL is managed by **PolicyWise for Children & Families**. PolicyWise is a not-for-profit organization whose mission is to develop and integrate evidence to inform, identify and promote effective public policy and service delivery to improve the well-being of children, families and communities in Alberta, Canada and internationally.

This project

The CYDL Longitudinal Project focuses on understanding the experiences of Albertan children and youth as they develop. The focus is service use within and across ministries, as it is related to key indicators and to the passage of time. Studying experiences over several years of development adds a valuable level of richness to an already ground-breaking initiative, providing detailed insight into the factors that help to shape our children and youth as they develop.

Our partners

This project was carried out on behalf of six ministries of the Government of Alberta. Each ministry collaborated extensively with the CYDL on this project, and their dedication to the project is gratefully acknowledged:

Advanced Education
Community and Social Services

Education Health Indigenous Relations

Children's Services
Justice and Solicitor General

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This study is based in part on data provided by the Government of Alberta. The interpretation and conclusions contained herein are those of the researchers and do not necessarily represent the views of the Government of Alberta. The Government of Alberta does not express any opinion in relation to this study.

